

UNITWIN/UNESCO Chairs Programme Progress report 2013-2015

«If this has not yet been done, please forward your progress report before
31 May 2015» to the Director, Division of Higher Education.

Period of activity: 2013-2015

Title: UNESCO CHAIR TELEMEDICINE

Report established by: Prof.Dr.O.Ferrer-Roca,
Function / Title: responsible UNESCO Chair Telemedicine 1999-2015
Full Professor in Pathology. Responsible of the Telemedicine Training at the University of La
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I. Address

	Address of the Host Institution	Address of the Coordinator
Name	Prof. Dr. O. Ferrer-Roca	Prof. Dr. O. Ferrer-Roca
Function/Title	Chair of Pathology	Chair of Pathology
University/Institution	University of La Laguna	University of La Laguna
Faculty/Department/Centre	Faculty of Medicine	Faculty of Medicine
P.O.Box	La Cuesta	La Cuesta
Street	La Laguna	La Laguna
Postal Code	38071	38071
City	Santa Cruz de Tenerife	Santa Cruz de Tenerife
Province	Canary Islands	Canary Islands
Country	Spain	Spain
Phone	+34 922-319321	+34 922-319321
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E-mail	catai@teide.net	catai@teide.net
Web Site	http://www.teide.net/catai	http://www.teide.net/catai

II. Available resources

1. Human resources

1. For the administration of the UNESCO Chair or Network
Partial time support Secretary
2. For the teaching/training/research activities
Please specify number of full professors, researchers, visiting professors, lecturers, others
Prof. Dr. O. Ferrer-Roca
Engineer/ Fellowships Daniel González Mendez; Jesus Montanez, Laura Ramos, K Roca.
3. For the information and documentation activities:
Prof. Dr. O.Ferrer-Roca
4. For other activities: The international courses brought to teaching and training a total of 30 professors coming from European, African and Ibero-American countries (Greece, Germany, Spain, Uganda, Valencia, Argentina, UK).

2. Material resources

1. For the administrative work: Computers fax machines, xerocopy machines, printer, and storage systems.
2. For the teaching/training/research activities: Videoconference, workstations, ultrasounds, video-edition, projector, Book edition, CD-edition, Proceedings editions, e-learning, Digital Fingerprint control systems, Breeze server, iPhone medical applications.
3. For the information and documentation activities: Web site, Posters, brochures, Proceedings, Book editions, CD-edition
4. For other activities (Please specify): Videoconferencing, 3D-virtual reality, skylight distant control, iphone applications (blood pressure monitor, ECG, EEG), Galaxy camera over android OS, Cloud systems.

III. Activities

Please, provide information on items 1 to 7 for each activity, when available, and specify:

- Target groups, in accordance with Annex 1
- Geographical coverage, in accordance with Annex 2
- Funding sources, in accordance with Annex 3.

1. Education/Training/Research

1.1. Title and expected results for each course, workshop,...

See joined memorandum and programs of the Winter Courses of the CATAI (Annex 5-Form 3)

- Duration: 1 weeks.
- Target groups: doctors, nurses, health-care providers, NGO's
- 1.1.1. Partnership (please specify the name of the Institution, city, country):
Universities Trier-DE, Postdamm-DE, Humboldt Univ. Berlin-DE, Makerere-Uganda, Simon Bolivar-Caracas-Venezuela, Athens Univ. of Economics and Business-GR, Istanbul-Turkey, El Cairo- Egypt, EntreRios-Argentina, Barcelo Univ Buenos Aires, Argentina, Pontificia Universidade Catolica do Rio Grande do Sul (PUCRS) Porto Alegre-Brazil, Porto-Portugal, Univ Oslo, Oslo-Norway, Univ Munich-Munich-Germany, Universidad Politecnica Barcelona (UPB)- Spain. Hosp. Clinic Barcelona-Spain, Univ. Di Roma Sapienza-Italy, Univ Budapest-Hungary, Univ Udine, Italy. Univ. Cheikh Anta Diop, Dakar, Senegal, Univ d'Abomey Calavi (Cotonou), Rép. Du Benin y Univ Nacional de Guinea Ecuatorial (UNGE), Guinea Ecuatorial, University California (UCLA)-USA, Univ Valencia, (UV). U. Baleares (UB), Shahid Beheshti Medical University, Tehran, (Iran), U Caribe-Barranquilla, (Colombia), Vitanlink (France), L'Institute Mines Telecom (France), University Liege (Belgium), Unesco Chear of Esophagus in Switzerland .
- Geographical coverage partners & participant: Europe-Africa-South & North America.
- Funding sources: CATAI founding. Telefónica SL. CajaSiete SA.
- Outputs: Please specify number of doctoral students: 150-200 students per year. For the publications, complete form of Annex 4, and Annex 5 for the multimedia material.

2. Conferences/Congresses/Meetings

2.1. Title and expected results for each conference, meeting....:

They are always in Telemedicine. Expected increase of knowledge and training of how to handle medicine at distance for people and areas underserved or with health care constrains availability.

Dates and place: In 4-10th March 2013, Tenerife, XXI CATAI Winter Course in System on Chip (SoC) devices in telemedicine from LABoC to high resolution images. January 2015. Tenerife. Humanization of Healthcare (H2O)

and we attended the following congresses and meetings:

In the 25th January 2013 the international meeting of the IWEE (International Workshop of e-Health in Emerging Economies) under Social Justice with the participation of the WHO, EC, WB, Red Cross, Doctors without frontiers. In the 22nd – 23th January 2014 Meeting of UNESCO Chairs on Higher Education, Teachers, and ICT in Education in the UNESCO Paris. In the 29th -30th May 2014 the international meeting of the IWEE (International Workshop of e-Health in Emerging Economies) under Social Justice with the participation of the WHO, EC, WB, Red Cross, Doctors without frontiers. 28September-2 August 2014 Meeting at the Polytechnic University of Catalonia to continue with the Solo-medicine project. 13-15 August 2014 meeting UIB- St. Lazare hospital, Master of Legal aspects and Humanization of Healthcare. In the 17th-18th October 2014, Beijing-China in the International

Conference on Identification, Information & Knowledge in the Internet of the things (IoT). 22-24 April 2015 Med-e-Tel 2015 Luxemburg. 25-26th September 2015, the international meeting of the IWE (International Workshop of e-Health in Emerging Economies) under Social Medicine with the participation of the WHO, EC, WB, Red Cross, Doctors without frontiers.

- New Partnerships (please specify: Name of the Institution, City, Country): see joined programs plus Mulago Hospital-Uganda; Roche Research Center, Univ Perm-Russia, Casablanca-Marocco, Pontificia Universidade Catolica do Rio Grande do Sul (PUCRS) Porto-Alegre-Brazil. Technical University Munich (Germany). Israel Institute of Technology (Haifa-Israel), U Caribe-Barranquilla, (Colombia).
- Participants (number): 100 up to 1000 depending of the type of meeting
- Geographical coverage for participants and partners: Europe, Africa, South-America, Asia & Australia.
- Funding sources: CATAI funding. Telefonica SL. CajaSiete.
- Outputs: Please complete Annex 1 for the publications and Annex 2 for the multimedia material.
- Master at distance on “**Derecho Sanitario**” (Legal aspects Health). With the topic of Telemedicine. University of Balear Islands. <http://catai.net/blog/2012/07/master-de-derecho-sanitario/> . Editions 2013-14, 2014-15.
- Digital Pathology cooperation with Cytomine in Liege Belgium. Rafael Maree. <http://www.cytomine.be/>
- Artificial Intelligence graph display for HER. Etienne Salier. Brussels. Belgium
- Promotion and cooperation in free software with GNU-Health. IWE.
- Foundation of the Hiberiae Societas Telemedicinae et Telesanitas 2015 (Main Founder)
- N. Ezenne, UNESCO Chairholder in Educational Policy, Planning, Management, and Research Development at Makerere University. Kampala. Uganda.

3. Missions / Travels abroad

3.1. Destination: University La Laguna.

From : Tuckmekistan

Purpose: Students training in telemedicine (UNESCO chair Telemedicine)

Duration: from 1 to 2 month

Funding source: University of La Laguna/CajaSiete/ Catai fundings/

Outputs: 1- Training of students to provide telemedicine in underserved areas.

3.2. Destination: European Commission- DG.CONNECT-CNECT. Univ Libre de Bruselles.

From : University of La Laguna

Purpose: Humanization of Healthcare- Horizon2020- Machine Learning

Duration: from 1 week

Funding source: ULB/ University La Laguna

Outputs: 1- Cooperation in AI for HER and preparation of the Horizon2020.

3.3. Destination: UNESCO Headquarters. Paris

From : University of La Laguna

Purpose: Meeting of the Unesco Chairs of High Education

Duration: from 1 week

Funding source: University La Laguna/CajaSiete

Outputs: 1- Sinergy and control with the rest of Unesco Chairs.2-

<http://www.unesco.org/new/fileadmin/MULTIMEDIA/HQ/ED/pdf/UNESCO-summary-report-chairs-2014-1.pdf>

3.4. Destination: UNESCO Headquarters. Paris

From : University of La Laguna

Purpose: 38th UNESCO General Assembly. 3-8 Nov 2015

Duration: from 1 month

Funding source: **Not carried out** due to lack of financial support

Outputs: 1- General Spanish strategy for the next High Education Policies.

3.5. Destination: BNU-Beijing National University. China

From : University of La Laguna

Purpose: IIKI-2014. University

Duration: from 1 week

Funding source: University La Laguna/Caja Siete

Outputs: Machine Learning upgrades in the field of Health FOG and Small Data. Two relevant publications. See Outputs.

3.6. Destination: UIB-University Illes Balears

From : University of La Laguna

Purpose: Master on Legal Aspect in Telemedicine

Duration: from 1 week

Funding source: University La Laguna/Caja Siete

Outputs: 1- Coordination of the Master; 2- Collaboration for the Humanization of Healthcare project.

3.7. Destination: Luxembourg

From : University of La Laguna

Purpose: Med-e-Tel 2015 with WHO- EHTEL- ISFTHET- Red Cross.

Duration: from 1 week

Funding source: University La Laguna/Caja Siete

Outputs: HFog and Small Data in Health care.

3.8. Destination: WHO Headquarters. Geneva.

From : University of La Laguna

Purpose: Device meeting of the WHO.

Duration: from 1 week

Funding source: University La Laguna/Caja Siete

Outputs: Training and regulations in Telemedicine and Device management.

3.9. Destination: Spanish Unesco Chair Meeting

From : University of La Laguna

Purpose: Univ of Valencia.

Duration: from 1 week

Funding source: **Not carried out** due to lack of financial support.

Outputs: Annual meeting.

3.10. Destination: Microsoft Headquarters. Brussels.

From : University of La Laguna

Purpose: Empowering Health: towards more personalized, productive, collaborative and predictive health services & systems.

Duration: from 1 week

Funding source: **Not carried out** due to lack of financial support.

Outputs: Role of the Nurses in the Integrated Healthcare.

3.11. Destination: Luxembourg

From : University of La Laguna

Purpose: Med-e-Tel 2016 with WHO- HIMMS- ISFHET- Red Cross.
Duration: from 1 week
Funding source: **Not carried out** due to lack of financial support.
Outputs: The International e-Health, telemedicine and Health ICT for Education, Networking and Business

3.12. Destination: University of La Laguna.

From : Univ.Scheffield-UK, Paris, Munich, Univ.Torino, Univ HESSO-Switzerland, Univ Murcia, Supercomputer Centre Barcelona, Univ Genova.
Purpose: Humanization of Health Care. Equity and accessibility. (UNESCO Chair Telemedicine)
Duration: from 1 week
Funding source: In part University of La Laguna/CajaSiete
Outputs: H2O-Humanization of Healthcare project.

3.13. Destination: University of Las Palmas de Gran Canaria.

From : University of La Laguna
Purpose: IWEEE. International workshop of eHealth in Developing Countries
Duration: from 1 week
Funding source: University of La Laguna/CajaSiete
Outputs: DIY Open Hardware and open software.

4. Visiting professors / Fellowships

Number: (23)
Duration: up to 1 month
University of origin: *Potsdam-Germany (2), Clinical university of the Charité-Berlin (2), Univ Athens (3), Univ Munich- Germany (2), Univ Mainz, Germany (1) Univ Budapest, Hungria (2), U. Politecnica Barcelona (2).U.Valencia, Spain (1), U.California, USA (1),U.Genova(1), U.Torino (3), U.Vienna (1), U. Surey-UK(1), U.Libre Bruseles(1)*

Funding sources: University of La Laguna, CATAI fundings, Telefonica SL, CajaSiete.

5. Information and documentation activities (6 activities)

- 5.1. **CATAI 2013** "System on Chip (SoC) devices in telemedicine from LABoC to high resolution images" CATAI editions 2012 Tenerife. Canary Islands. Spain ISBN: 978-84-615-6080-6
- 5.2. **CATAI 2013- eBook: System on Chip (SoC) and Lab on Chip (LoC)** on line proceedings. 72 pages
<https://dl.dropboxusercontent.com/u/56554173/XXI%20COURSE%20CATAI-html/index.html#/0>
- 5.3. European Master of Telemedicine and Bioengineering applied to Telemedicine, **Volume X**. CATAI Editions 13. ISBN 978-84-616-2364-8
- 5.4. Proceedings of the I Summit of the Humanization of Healthcare.
- 5.5. IWEEE 2014- Open and Modular for Health. O&M4H
<http://www.slideshare.net/OFRoca/iweee-2014-2>
- 5.6. IWEEE 2015- Earomics part I <http://www.slideshare.net/OFRoca/earomics-2015> and Earomics part II <http://www.slideshare.net/OFRoca/earomics-part-2>

6. Others

6.1. Written agreements with Universities

- 6.1.1. Agreements with the Siksha O Anusandhan University (India) 2013.
- 6.1.2. Agreements with the Unesco Chair of Esophageal from Switzerland 2016
- 6.1.3. Agreements with the HESSO institution in Switzerland for the Humanization of Healthcare, 2015.
- 6.1.4. Agreements with Flex and Design Center of Milano for the Humanization of Healthcare, 2015
- 6.1.5. Agreements with Allianz worldwide partners for the Humanization of Healthcare, 2015.
- 6.1.6. Agreements with Surrey University, UK. Partners for the Humanization of Healthcare 2015
- 6.1.7. Agreements with University of Vienna. Partners for the Humanization of Healthcare 2015
- 6.1.8. Agreements with University of Torino. Partners for the Humanization of Healthcare 2015

6.2. Training Books donations

- 6.2.1. Donations of the vol. V of the European Master of Telemedicine and Bioengineering applied to Telemedicine. to the Universities of Entre-Rios (5), Makerere (6), Caracas (5), Greece (5), Univ. Rio Grande do Sur.Brazil (6).
- 6.2.2. Donations of the vol. VI of the European Master of Telemedicine and Bioengineering applied to Telemedicine. to the Universities of Entre-Rios (5), Makerere (6), Caracas (5), Greece (5), Univ. Rio Grande do Sur.Brazil (6), Senegal (3), Rép. Du Benin (6) y Guinea Ecuatorial (4).
- 6.2.3. Donations of the vol. VII of the European Master of Telemedicine and Bioengineering applied to Telemedicine. to the Universities of Entre-Rios (5), Makerere (6), Greece (5), Univ. Rio Grande do Sur.Brazil (6).
- 6.2.4. Donations of the vol. VIII of the European Master of Telemedicine and Bioengineering applied to Telemedicine. to the Greece (5), Univ. Rio Grande do Sur.Brazil (6), Univ Tuckmenistan (12), U.Caribe-Barranquilla (6) .
- 6.2.5. Donations of the vol. IX of the European Master of Telemedicine and Bioengineering applied to Telemedicine. to the Greece (5), Univ Tuckmenistan (12), U.Caribe-Barranquilla (6), Shahid Beheshti Medical University, Tehran, Iran (6) .
- 6.2.6. Donations of the vol. X of the European Master of Telemedicine and Bioengineering applied to Telemedicine. to the Greece (5), Univ Tuckmenistan (12), Shahid Beheshti Medical University, Tehran, Iran (6) .

6.3. International projects

- 6.3.1. Tempus Project: 530574-TEMPUS-1-2012-1-ESTEMPUS-JPCR. *Advanced Curriculum development in Telemedicine for Turkmenistan (MEDET)*.
- 6.3.2. H2O- Humanization of Healthcare. Horizon2020 in preparation.
- 6.3.3. Humanization of Healthcare-Trials in Piamonte & Servia. Interreg-Med 2015.
- 6.3.4. UNESCO Network with the Unesco Chair of Esophageal tumors including 10 international cooperations 2016. Switzerland. (joined)
- 6.3.5. ERASMUS+: "UNIVERSITY-INDUSTRY EDUCATIONAL CENTRE IN ADVANCED BIOMEDICAL AND MEDICAL INFORMATICS (CENTRE-BMI). 575739-EPP-1-2016-1-SK-EPPKA2-KA. University of Zilina. Slovakia.
- 6.3.6. ERASMUS+: Developing Molecular Oncology Strategy. University of Georgia. In preparation.

IV. Impact

1. In Uganda, their initiatives with the use of VHF in walky-talkies to support midwives, has decreased the mortality of new-born babies by 30%. <http://iicd.org/collections/http://iicd.org/country/uganda/>
2. With the Simon Bolivar University in Caracas Venezuela, we will bring the development of rural areas accessing distant diagnosis of vaginal cytology.
3. With Pontificia Universidade Catolica do Rio Grande do Sul (PUCRS) PortoAlegre in Brazil has been started obtaining founding for a join seminar of training and extending the telepathology to telepathology and teledermatology mission to the Amazon (City of Jiparana)and in Amazon area (Rondonia State).
4. With Entre-Rios cooperation have extended the telemedicine into the Peru selvage areas in the Napo river.
5. Scholarships of the GD of the relations with Africa from the Canarian Governement.
6. GNU-Health training support in Gabon. <http://catai.net/blog/2016/03/free-software-diy/>

One of the **main obstacles** in the wide use of Telemedicine is the lack of specific training and qualifications in the health care environment (doctors, nurses, paramedics, managers, NGO's) as well as related areas from which they require support (computer science, telecommunications).

1. Relation Article Citation in international collaborations

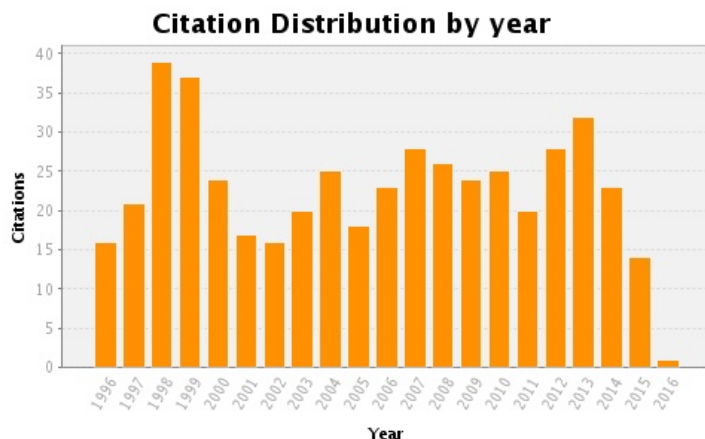


<http://academic.research.microsoft.com/Author/53893146/o-ferrer-roca>

My Publications: Citation Metrics

This graph shows the number of times the articles on the publication list have been cited in each of the last 20 years.

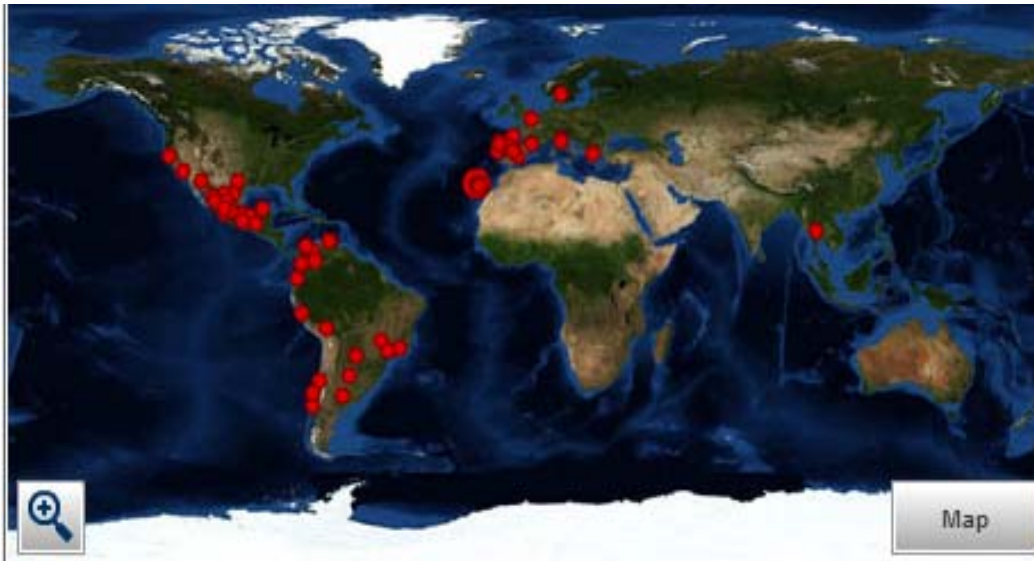
Note: Only articles from Web of Science Core Collection with citation data are included in the calculations. [More information about these data.](#)



Total Articles in Publication List: 176
Articles With Citation Data: 61
Sum of the Times Cited: 593
Average Citations per Article: 9.72
h-index: 12
Last Updated: 03/04/2016 06:54 GMT

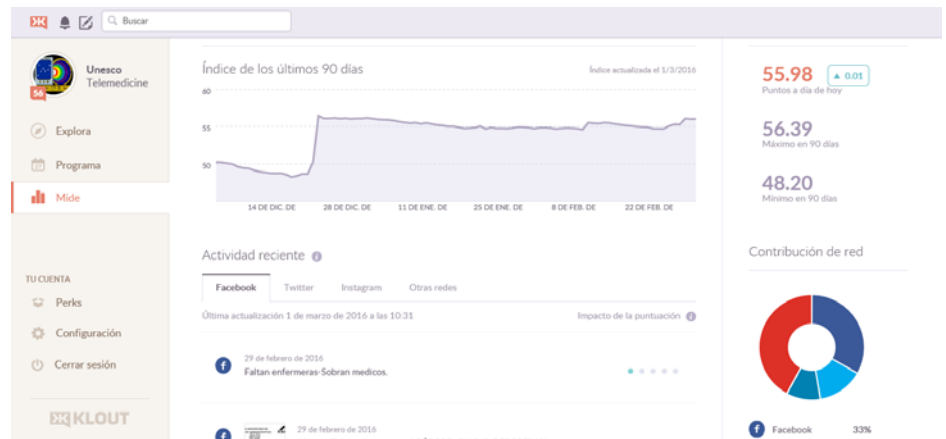
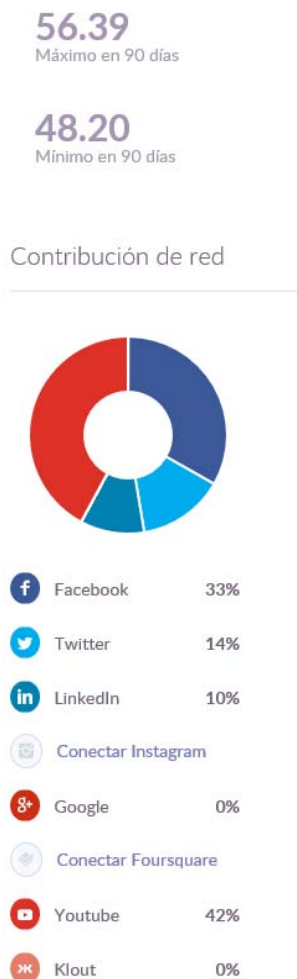
<http://www.researcherid.com/rid/B-1710-2009>

2. Geographic distribution of web visitors 1year:



3. On Line social impact: The KLOUT: 56

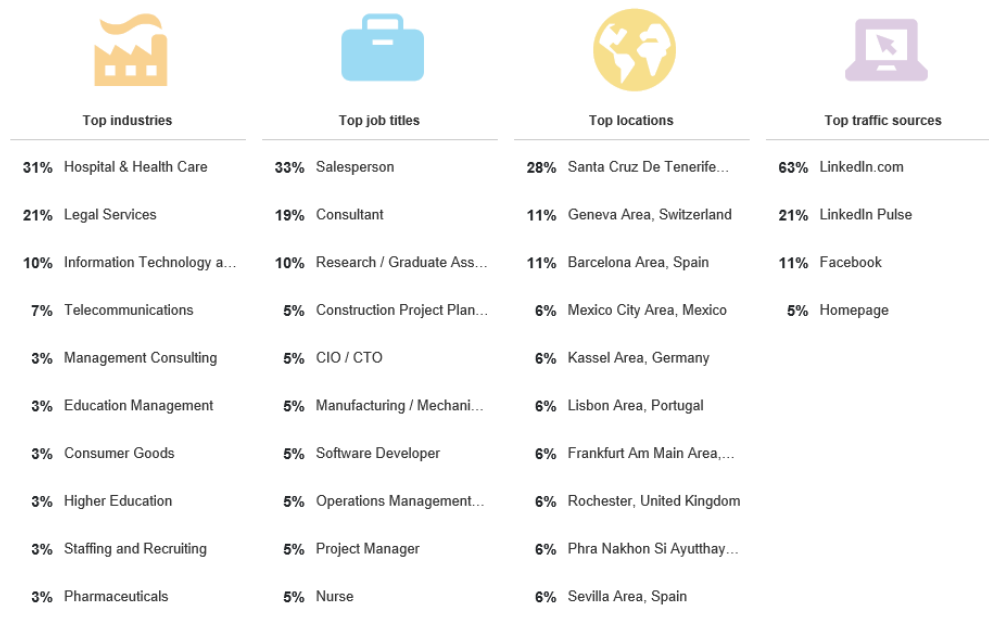
One of the most influencers in eHealth <https://klout.com/#/UnescoTeleMed> reaching the 56 influence score.



Particularly with their teaching videos in the YOUTUBE channel https://www.youtube.com/channel/UCitOeEF7tWf4FQ2ZqMiK_hw with 617 subscriptions
FACEBOOK <https://www.facebook.com/unesco.telemedicine> that are followed by 761 but also in
SCOOPIT <http://www.scoop.it/t/health-4-0> , with 3,4 K views
PINTEREST <https://es.pinterest.com/cataitm/> with 561 followers
TWITTER <https://twitter.com/UnescoTeleMed> with 487 followers

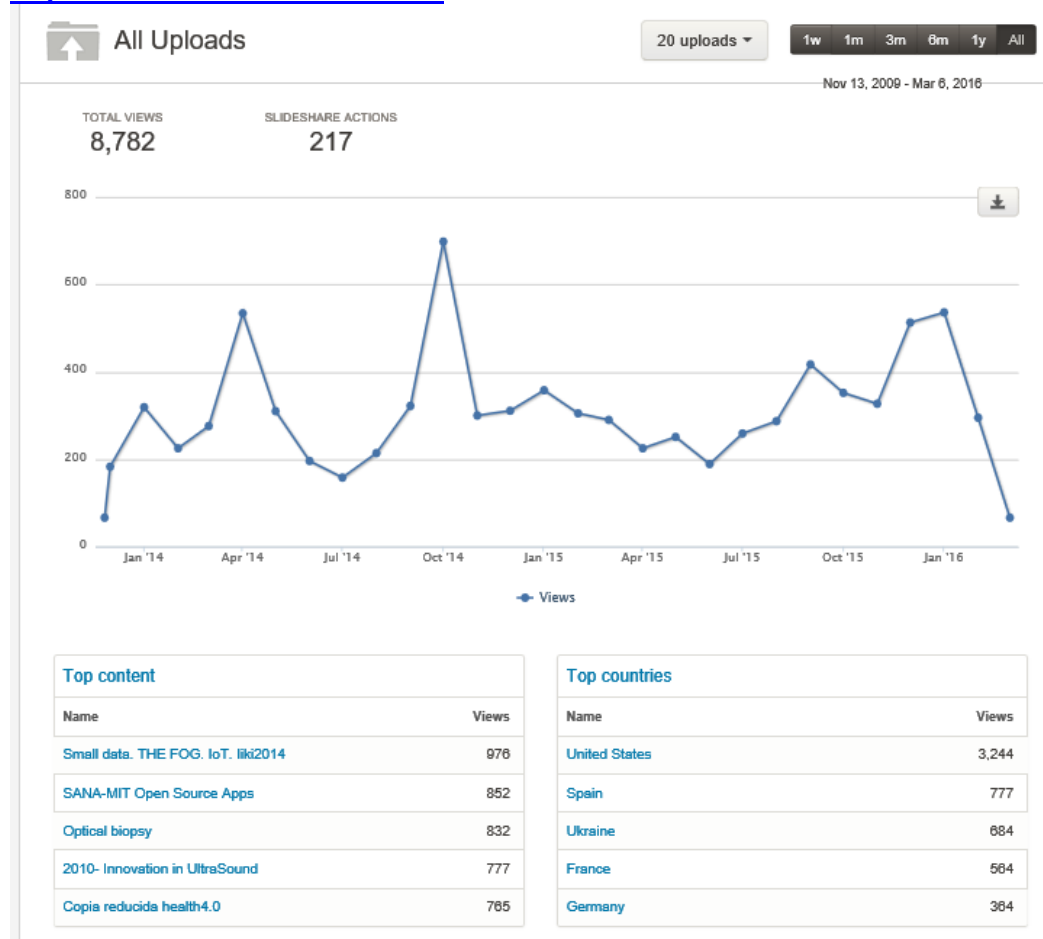
And LINKEDIN <https://www.linkedin.com/in/unesco-telemedicine-93baa243?trk=hp-identity-name> with 731 connections with the following readers demographics

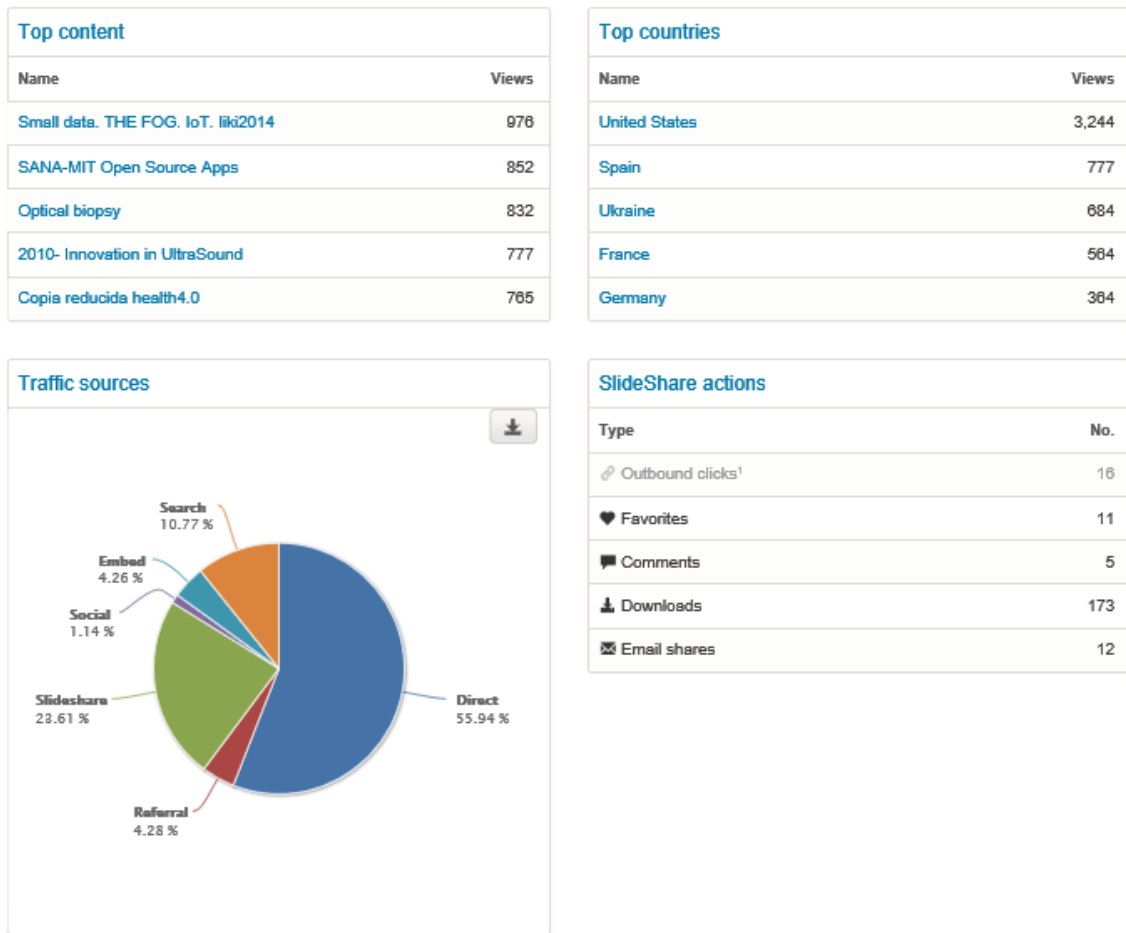
Demographics of your readers



4. Slideshare.

<http://www.slideshare.net/OFRoca>





NOTICED the 976 views of the Small Data. The FOG.

5. Google Search: Telemedicina- UNESCO (9270 results)

All the following links are related to the UNESCO Chair of the ULL either in Spanish or in English (telemedicine-Unesco)

Around 9.270 results (0,27 seg) . Listed the 3 first pages.

[UNESCO Chair in Telemedicine \(467\) | | UNESCO](#)

[www.unesco.org › ... › Europe and North America](#)

[UNESCO Chair in Telemedicine \(467\)](#), established in 1999 at the University of La ... To facilitate training and skills acquisition on the *Telemedicine*; directed ...

[UNESCO Chair in Telemedicine - Wikipedia, the free ...](#)

[https://en.wikipedia.org/.../UNESCO_Chair_in_Tele...](#)

[UNESCO Chair of Telemedicine \(UNES_CT\)](#) is a portion of UNESCO that was founded in 1999. It undertakes international activities related to the promotion of ...

[Unesco Telemedicine | LinkedIn](#)

[https://es.linkedin.com/pub/unesco-telemedicine/43/aa2/93b](#)

Santa Cruz de Tenerife y alrededores, España - Health 4.0 - UNESCO Chair of Telemedicine

Ver el perfil profesional de Unesco *Telemedicine* en LinkedIn. ... *UNESCO Chair of Telemedicine*; CATAI-Center Advanced Technology Image Analysis, ...

[\[DOC\]UNESCO chair of Telemedicine - Med-e-Tel](#)

https://www.medetel.eu/.../teaching_activities_of_un...

The *UNESCO chair of Telemedicine* began his activities on September '99 to acquire knowledge on the topics before any *Telemedicine* practices.

[Unesco Telemedicine presentations | SlideShare](#)

<es.slideshare.net/OFRoca>

View all of Unesco *Telemedicine*'s Presentations. ... *Unesco Chair Telemedicine*; Industry Medical / Health Care / Pharmaceuticals; Website www.teide.net/catai ...

[Unesco Telemedicine | Facebook](#)

<https://www.facebook.com/unesco.telemedicine>

Join Facebook to connect with Unesco *Telemedicine* and others you may know. ... Chair woman *Unesco Chair Telemedicine* · 1996 to present · Paris, France.

[UNESCO Chair for distance learning - OESO](#)

<oeso.org/unesco-chair-for-distance-learning.html>

UNESCO Chair in Telemedicine for multi-disciplinary distance learning and creation of evolutionary content in the framework of the UNITWIN networks (University ...

[Chair UNESCO of Telemedicine - Activities in Iberoamerica](#)

www.teide.net/catai/catedra_unesco/activities_ib.htm

Activities in Iberoamerica. Here we show you some interesting links about our activities in Iberoamerica. Iberoamerica. Colaboration with Thymbra y GNU health ...

[UNESCO chair woman of Telemedicine](#)

www.teide.net/catai/catedra_unesco/catedra_unesco_ing.htm

The University of La Laguna have since 16 of September of 1999 the first *UNESCO chair of Telemedicine*. The sign of the agreement took place in Paris (see ...

[Canarias - Encuentro Unesco - Patronat Sud Nord - FGUV](#)

www.fundacio.es › Home › Spain UNESCO´s Chairs › Canarias

The mission of the *UNESCO Chair*, inside the parameters of the UNESCO´s ... learning Master in *Telemedicine* and Bioengineering applied to *telemedicine*.

[Telemedicina | Cátedra Unesco en la Universidad de La ...](#)

catai.net/blog/

... hardware or software that can be managed by themselves at a low cost in a productive REVERSE INNOVATION in which the *UNESCO Chair of Telemedicine* ...

[Translation of UNESCO Chair in Telemedicine in Spanish](#)

translation.babylon.com › Spanish Translation

Translation of *UNESCO Chair in Telemedicine* in Spanish. Translate *UNESCO Chair in Telemedicine* in Spanish online and download now our free translator to ...

[Handbook of Telemedicine](#)

<https://books.google.es/books?isbn=9051994133> - Traducir esta página

Olga Ferrer-Roca, Marcelo C. Sosa-Iudicissa - 1998 - Medical

Handbook of *Telemedicine* Edited by Olga Ferrer-Roca President CATAI Consortium Responsible for the First *UNESCO Chair of Telemedicine* Full Professor of ...

[E-Health Systems Quality and Reliability: Models and ...](#)

<https://books.google.es/books?isbn=161692845X> - Traducir esta página

Moumtzoglou, Anastasius - 2010 - Technology & Engineering

Got the *UNESCO Chair of Telemedicine* in 1999 for the University of La Laguna. Since 1996 train on *Telemedicine* the students of medicine and Computer ...

[E-Health Technologies and Improving Patient Safety: ...](#)

<https://books.google.es/books?isbn=1466626887> - Traducir esta página

Moumtzoglou, Anastasius - 2012 - Medical

She got the *UNESCO Chair of Telemedicine* in 1999 for the University of La Laguna. Since 1996, she trains the students of Medicine and Computer Science on ...

[e-Study Guide for: Health Economics: Theory, Insights, and ...](#)

<https://books.google.es/books?isbn=1619064766> - Traducir esta página

[Cram101 Textbook Reviews](#) - 2012 - Education

UNESCO Chair of Telemedicine d. Asynclitic birth 3. Health insurance is insurance that pays for medical expenses. It is sometimes used more broadly to include ...

[Unesco Chairs: Levon Chookaszian, Unesco Chair in ...](#)

https://books.google.com/.../Unesco_Chairs.html?id... - Traducir esta página

Title, *Unesco Chairs: Levon Chookaszian, Unesco Chair in Telemedicine*, Infostate, Fouzia Rhissassi, Institute of Biochemistry and Biophysics. Editor, LLC ...

[UNITWIN/UNESCO Chairs Programme Progress report ...](#)

<docplayer.net/2381829-Unitwin-unesco-chairs-prog...>

Items 1 - 7 - UNITWIN/UNESCO Chairs Programme Progress report 2009-2010. Period of activity: 2009-2010. Title: *UNESCO CHAIR TELEMEDICINE* ...

[Ferrer Roca O - Citas de Google Académico](#)

<scholar.google.es/citations?user=l3rnjkgAAAAJ&hl=es>

UNESCO Chair Telemedicine, Full professor Pathology - teide.net

UNESCO Chair Telemedicine, Full professor Pathology ... Handbook of telemedicine. O

Ferrer-Roca ... What do physicians think of telemedicine? A survey in ...

[IWEEE 2014 : Social Medicine](#)

www.iweee.org/2014-las_palmas/speakers.html

Got the **UNESCO Chair of Telemedicine** in 1999 for the University of La Laguna.

Since 1996 train on **Telemedicine** the students of medicine and Computer ...

[Telemedicine. Copcar warns about your cardiac status ...](#)

www.copcar.es/en/Telemed.html

Telemedicine UNESCO chair, CATAI. First distance DNA quantification in the world applied to image analysis of prognostic factors in breast cancer. 1999.

[Telemedicine Workshop 2011 - Speakers - Itg](#)

telemedicine.itg.be/telemedicine/.../Default.aspx?...

5th **Telemedicine** Workshop for Resource-limited Settings, ITM, Antwerp ... of the

UNESCO chair for **telemedicine** and multidisciplinary teaching, and, in 2010, ...

[\[PDF\]RAFT – Telemedicine Network in Africa - ITU](#)

<https://www.itu.int/.../wednesday2-%20RAFT-Telem...>

World Health Organization Collaborating Center for eHealth and **Telemedicine**. ○

UNESCO chair for **telemedicine** and distance learning. ○ Partnership with ...

[Ferrer Roca O - Google Scholar Citations](#)

<https://scholar.google.de/citations?user...hl=de> - Traducir esta página

UNESCO Chair Telemedicine, Full professor Pathology - teide.net

UNESCO Chair Telemedicine, Full professor Pathology ... Handbook of

telemedicine. O Ferrer-Roca ... What do physicians think of telemedicine? A survey in ...

[ICT 2015](#)

ec.europa.eu › ... › *Digital Agenda for Europe*

Fac. Medicine. UNESCO Telemedicine. Chair. Spain. **UNESCO Chair**

Telemedicine. Full professor of Pathology. MD, PhD. Web site:

<http://www.teide.net/catai>.

[Ferrer Roca O - Citazioni di Google Scholar](#)

scholar.google.it/citations?user=l3rnjkgAAAAJ...it - Traducir esta página

UNESCO Chair Telemedicine, Full professor Pathology - teide.net

UNESCO Chair Telemedicine, Full professor Pathology ... Handbook of telemedicine. O Ferrer-Roca ... What do physicians think of telemedicine? A survey in ...

[Virtual Sonography Through the Internet: Volume ...](#)

<https://tspace.library.utoronto.ca/bitstream/.../jmir.ht...>

de O Ferrer-Roca - 2001 - [Citado por 15](#) - [Artículos relacionados](#)

¹Chair of Pathology and *UNESCO Chair of Telemedicine*, University of La Laguna, Spain

²Fellow at the *UNESCO Chair of Telemedicine*, Spain ³Chief of the ...

[\[PDF\]Quality Control in Telemedicine - "CE" Label](#)

www.intechopen.com/download/pdf/14282

16 mar. 2011 - 12. Quality Control in *Telemedicine* - "CE" Label. Prof. Dr. O. Ferrer-Roca MD. PhD. *UNESCO Chair of Telemedicine*. Faculty of Medicine.

[\[PDF\]Collaborative Systems for Pathology Applications - Bentham ...](#)

benthamopen.com/contents/pdf/.../TOPATJ-1-1.pdf

de F Marcano - 2007 - [Citado por 3](#) - [Artículos relacionados](#)

20 oct. 2007 - *UNESCO Chair of Telemedicine*, Department of Pathology, Faculty of ...

Keywords: Collaborative systems, *telemedicine*, SSVS®, JPEG2000, ...

[Presentation | UNESCO Chair in Education & Technology ...](#)

unescochair.blogs.uoc.edu/.../global-ageing-presenta...

Innovative solutions such as telecare and *telemedicine* has been presented as solutions more effective in economic terms and in compliance with important ...

[Ferrer Roca O - Mga Pagsipi ng Google Scholar](#)

scholar.google.com/citations?user=l3rnjkgAAAAJ...

UNESCO Chair Telemedicine, Full professor Pathology - teide.net

UNESCO Chair Telemedicine, Full professor Pathology ... Handbook of telemedicine. O

Ferrer-Roca ... What do physicians think of telemedicine? A survey in ...

[Canarias - Sociedad Española de Anatomía Patológica](#)

www.seap.es › Territoriales

Dr.O.Ferrer-Roca *UNESCO Chair of Telemedicine*. Chair of Pathology. Chair of

Telemedicine. Telefonica SL. Faculty of Medicine. University of La Laguna.

[IMA Telemedicine Day 24th March - Indian Medical ...](#)

www.ima-india.org/ima/left-side-bar.php?scid=318

Telemedicine in Healthcare part 1 ... IMA Padma Awardees Doctors Forum Initiative · Letter -

IMA-PvPI Initiative · IMA *UNESCO CHAIR* BIOETHICS INITIATIVE ...

[Tele-virtual sonography - De Gruyter](#)

[www.degruyter.com/.../\\$002fj\\$002fjpme.2006.34.is...](http://www.degruyter.com/.../$002fj$002fjpme.2006.34.is...) - [Traducir esta página](#)

de O Ferrer-Roca - 2006 - [Citado por 14](#) - [Artículos relacionados](#)

¹ *UNESCO Chair of Telemedicine*, University of La. Laguna, Canary Islands, La Laguna, Sta

Cruz Tenerife., Spain. ² Chairman of Department of Obstetrics and.

[JMIR-Virtual Sonography Through the Internet: Volume ...](#)

www.jmir.org/2001/2/e21

de O Ferrer-Roca - 2001 - [Citado por 15](#) - [Artículos relacionados](#)

¹Chair of Pathology and *UNESCO Chair of Telemedicine*, University of La Laguna, Spain.

²Fellow at the *UNESCO Chair of Telemedicine*, Spain. ³Chief of the ...

V. Forthcoming activities

1. SUMMER COURSE OF THE ULL. Adeje 2016 : Telemedicina y Salud electrónica
2. STUDENTS EXCHANGE TO TENERIFE. **Cancelled** due to the lack of financial support
3. STUDENTS TRAINING IN TENERIFE. **Cancelled** due to the lack of financial support
4. SCHOLARSHIPS FOR IBEROAMERICAN BIOENGINEERS. **Cancelled** due to the lack of financial support
5. EU to IBEROAMERICA INTERCHANGE. Done exclusively on line.
6. MASTER OF HEALTHCARE LAWS 2015-2016. UIB. University of Iles Ballears. At distance.
7. VIRTUAL LABS IN SUDAMERICA. On line
8. LUXEMBOURG Med-e-Tel 2016. **Cancelled** due to lack of financial support.
9. SUPERCOMPUTER ACTIVITY IN SOLO MEDICINE-UPB (Barcelona). **Cancelled** due to the lack of financial support
10. ON LINE TELECONSULTATIONS
11. AFRICAN ADVISE ON THE USE OF DiY, DII, Open software and Hardware and Free software. At distance, on line.
12. IBEROAMERICA ADVISE ON TELEMEDICINE TRAINING. At distance. On Line.
13. IWEEE 2016. International Workshop on eHealth in Emerging Economies.
14. Cooperation with Institute of Tropical Medicine and Campus Africa. July 2016
15. WHO reports on Medical Devices.

VI. Development prospects

The activities of the Chair started on 1999 and have expanded during the period 2013-2015 to the following countries:

1. – Israel
2. – Beijing- China
3. – Portugal
4. –Tuckmenistan
5. – Gabon
6. – Italy- Medical Device Design Centre in Milan.
7. – Liege- Belgium
8. – Servia
9. – Georgia
- 10.– Zilina. Slovakia.

Annex 1

Target groups

Undergraduate students	YES
Graduate students	YES
Postgraduate students	YES
Academics	YES
Public administrators	YES
Employees from industry, or other private organizations	YES: NGO's
Teachers from primary education	NO
Teachers from secondary education	NO
Teachers from technical and vocational education	YES
Teachers from adult education	YES
Others groups (<i>Please specify</i>)	YES: VOLUNTIERS

Geographical Coverage

- National
 - **Spain:** Canary Islands (7 Islands)
Cataluña
Madrid
Valencia
Balears Islands
Cordoba
Extremadura
Murcia
- Regional
 - **África:** Nairobi-Kenya, Makere-Uganda, Marrocco, Argelia; Cabo Verde, Senegal, Republic. Du Benin, Guinea Ecuatorial, Gabon.
 - **Arab States:** Turkey-Istambul, Iran
 - **Asia/ Pacific:** Tuckmenistan, Kazakhstan, Israel-Tel Aviv-Haifa, New Delhi-India, China-Beijing, Georgia
 - **Eastern and Central Europe:** Sofia-Bulgaria, Rumania, Russia-Perm & Moscow- Albania – Lithuania Budapest. Hungary. Slovenia, Slovakia
 - **Australia:** Queensland University.
 - **Western Europe and North America:** Germany-Regensburg/Postdamm/Berlin, Italy-Udine/Milan/Rome, Greece-Athens and Aegean islands, Austria-Tyrol, France-Strasbourg/Paris, Lachen-Switzerland, Oxford-UK, Cyprus, Liege-Belgium.
 - **Ibero-America:** Argentina-Entre-Ríos, Venezuela-Maracaibo, Venezuela-Caracas, Brazil- Rio Grande do Sur + Norwest Amazonia. Colombia-Barranquilla.
 - **USA:** Massachusets, California
- Interregional

Annex 3

Funding sources

Funding source	Type of Organization / Institution	Period	Amount US\$
UNESCO Contribution		2013/15	0
Other contributions: <i>Please specify, for each contribution:</i> <i>Institution, City, Country</i> ■	Host Institution	2013/15	0
	Partner universities/ institution	2013/15	9000
	Governmental body		
	Other public institution <i>Please specify</i>		
	UN Agencies		
	IGO's		
	NGO's: CATAI	2013/15	20000
	Industry		
	Other private sources <i>Telefónica SL –Spain</i>	2013/14	35000
	<i>CajaSiete- Canary I.-Spain</i>	2014/15	12000
TOTAL		2013/15	66000 €

Outputs-I

Form 1: Publications

1. Title of activity: **STANDARDS IN TELEMEDICINE. (11 publications)**1. Title. **System on Chip (SoC) devices in Telemedicine from Lab on Chip (LoC) to high resolution images.**

Publisher(s): CATAI editions 2013 Tenerife. Canary Islands. Spain ISBN: 978-84-615-6080-6

Year: 2013

Number of pages: 78

Type of document/material:

- Book X
- Periodical
- Others (*specify, please*)

Teaching/learning material

Language(s): >Bilingual (English/Spanish)

Main keywords (4 or 5):

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

La capacidad de miniaturización en micro o nano MEMs permite en la actualidad una gran calidad de imagen y procesado en aparatos portables, particularmente en teléfonos móviles inteligentes que mantienen el procesado local o en la nube. Igualmente el procesado de las imágenes digitales permiten en la actualidad técnicas de superresolución, enfoque en todos los planos e identificación holográfica que aseguran capacidades diagnósticas y de detección nunca antes imaginadas.

A eso se une la exigencia del WEF (world económica fórum) sobre la sanidad a la que le demandan 3 actualizaciones esenciales su inmersión total digital, su innovación en la provision de servicio y la prevención creando ciudades sanas. En cualquiera de ellas se requerirá un entorno BYOD (bring your own device) y la utilización de las modernas técnicas de gamificación para mantener la productividad y la motivación de los trabajadores sanitarios.

Las ventajas y los inconvenientes que todas ellas aportan a la sanidad serán analizadas con la presentica de los expertos mundiales de las materias. Son retos que en muchos casos requieren renovación o innovación inversa pero con las técnicas de QoS (Quality of Service) que demandan nuestros países tanto en USA como en la UE.

2. Title: **The Anatomy of an Optical Biopsy Semantic Retrieval System.**

Publisher(s): IEEE Multimedia. Q2 36/100

Producer and/or distributor (*with address*): vol 19 (n2)

Year: 2013

Number of pages: 12 (pp.16-27)

Type of document/material:

- Book
- Periodical
- Others (*specify, please*)

Teaching/learning material

Language(s): English.

Main keywords (4 or 5): Multimedia, metadata, multimedia databases, standards, image retrieval, video retrieval, feature measurement, healthcare

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

This paper addresses the question of how to build a case-based computer-aided diagnosis system that assists physicians and other medical personnel in the interpretation of optical biopsies obtained through confocal laser endomicroscopy (CLE). An optical biopsy is an optic diagnostic method capable to analyze the tissue in surface and in deepness without the need to extract it from the body. The system allows users to navigate and search over an image database containing optical biopsies of the human colon recorded with CLE. Users are able to retrieve information about precedent diagnostics by providing an example CLE image for content based image retrieval (CBIR), by using keywords for structured retrieval. The system's CBIR approaches a novel algorithm for automatic feature extraction in CLE images, showing results on inferring semantic metadata from low-level features. In order to ensure the interoperability with potential third-party applications, the system provides an interface compliant with the recent standards ISO/IEC 15938-12:2008 (MPEG Query Format) and ISO/IEC 24800 (JPEG Search).

3. Title: Health 4.0 in the i2i era

Publisher(s): International Journal of Reliable and Quality E-Healthcare (2011)

Producer and/or distributor (with address): vol 1 (n1)

Year: 2012

Number of pages: 15 (pp. 43 - 57)

Type of document/material:

- Book X
- Periodical
- Others (specify, please)

Teaching/learning material

Language(s): English & Spanish.

Main keywords (4 or 5): iPhone, mHealth, Medical device, standards, quality

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

The acceptance of iPhones, iPads, and iPods in medical environments, as well as the FDA approval of several diagnostic-prognostic-distant care-management applications, demonstrates the modern medicine trend to introduce mobile applications initiating the i2i era. Furthermore, Cloud and Internet applications ranging from non-quality control up to intelligent-quality-control data base management anytime, anywhere, are the basis of what is called Health 4.0. The present editorial listed approved FDA applications and future deployments, including three personal projects in iHealth: blood-pressure monitoring, iAnapath and the i-EEG control in child Attention Deficit Disorder.

4. Title: Health care management innovation in the net. Cloud- SoC- LaboC and high resolution image techniques change the way to practice medicine.

Publisher(s): CATAI Editions 2013.

Producer and/or distributor (with address):

Year: 2013

Number of pages: 15-17, 64-69 (9 pages)

Type of document/material:

- Book X
- Periodical
- Others (specify, please)

Teaching/learning material

Language(s): English & Spanish.

Main keywords (4 or 5):

Multimedia, metadata, multimedia databases, standards, image retrieval, video retrieval, feature measurement, healthcare

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

We cover every year the innovations in Telemedicine. This year are focused on management, specifically on BYOD or bring your own device and on gamification. From the technical point of view, TM devices expect dramatic innovation with the SoC (system on chip) and the new HD image techniques. TM devices are now miniaturized and capable to be included in smart phones.

5. Title: IWEE 2015: BYOD-Bring your own device.

Publisher(s): IWEE 2015.

Producer and/or distributor (with address):

Year: 2013

Number of pages: (5 pages)

Type of document/material:

- Book X
- Periodical
- Others (specify, please)

Teaching/learning material

Language(s): English & Spanish.

Main keywords (4 or 5):

BYOD, Network, gamification

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

Simplification of the devices and bring your own devices in the work environment is the main goal to the next generations network management solutions.

6. Title: Modification of the hand-held Vscan ultrasound and verification of its performance for transvaginal applications.

Publisher(s): ULTRASOUND. Q2 6/31

Producer and/or distributor (with address): 53 (n1)

Year: 2013

Number of pages: (5 pages)

Type of document/material:

- Book
- Periodical X
- Others (specify, please)

Teaching/learning material

Language(s): English.

Main keywords (4 or 5):

Ultrasound, Hand-held device, Transvaginal.

SHORT ABSTRACT

7. Title: Quality of employment conditions and employment relation in Europe. A report based on the fifth European Working Conditions Survey.

Publisher(s): Eurofond

Producer and/or distributor (with address): Dublin

Year: 2013

Number of pages: (56 pages)

Type of document/material:

- Book X
- Periodical
- Others (specify, please)

Teaching/learning material

Language(s): English.

Main keywords (4 or 5):

Employment, Europe, .

SHORT ABSTRACT

This report provides an in-depth analysis of the quality of employment conditions and employment relations in the European employed workforce. Employment in the report is viewed as the contractual relationship between an employer and a worker, specifically how the rights and duties embedded into the relationship are translated into real rights. The analysis is mainly based on data from the fifth European Working Conditions Survey (EWCS), conducted in 2010. Where appropriate, comparisons with earlier waves of the EWCS are made. An executive summary is also available

8. Title: **Big Data versus Small Data. The FOG**

Publisher(s):Proceeding of the IEEE. Q1 7/249

Producer and/or distributor (with address):

Year: 2014 vol1 n1 pp:260-1

Number of pages: (2 pages)

Type of document/material:

- Book
- Periodical X
- Others (specify, please)

Teaching/learning material

Language(s): English.

Main keywords (4 or 5):

Cloud, Fog, Bigdata, Smalldata, Health 4.0, mHealth, Intelligents, agents, PHA, Personal health assistants.

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

Facing user experience in Health care data coming from Health 4.0 in the IoE (internet of everything) two serious distinctions appear. Not all data processed in "The Cloud" is Big Data, on the contrary there is a relevant proportion of Small Data that should be processed in "The Fog".

In this statement there are several new references that should be understood. To whom it belongs, what to do with it and how to do it are the main differences.

Characteristics

	BIG DATA	SMALL DATA
<i>Belongs to</i>	<i>Gouvernement/State</i>	<i>Individuals/Patient</i>
<i>Anonimized</i>	<i>YES</i>	<i>NO</i>
<i>Encrypted</i>	<i>NO</i>	<i>YES</i>
<i>Processed in</i>	<i>The Cloud</i>	<i>The Fog</i>
<i>Response</i>	<i>Months / Years</i>	<i>Minutes / On time</i>

<i>Obtained from</i>	<i>Institutions/EHRs</i>	<i>Sensors / At home / PHR</i>
<i>Processed by</i>	<i>Data Base tools</i>	<i>e-Agents</i>
<i>Stored</i>	<i>By Govern/Distributed</i>	<i>By Individuals/ Personal Assistants</i>
<i>Useful</i>	<i>for Decision makers</i>	<i>for Individuals</i>

It is clear therefore that in the cloud or in the fog both type of data cannot be mixed or processed together.

9. Title: Placental virtual Biopsy: 3D-US hemodynamics of normal pregnancy versus gestational diabetes.

Publisher(s): J. Biomedical Graphics and Computing
 Producer and/or distributor (with address): Canada. Science Education
 Year: 2014, vol 4, n°1, pp:10-20
 Number of pages: (10 pages)

Type of document/material:

- Book
- Periodical X
- Others (specify, please)

Teaching/learning material

Language(s): English.

Main keywords (4 or 5):

Virtual Biopsy, Placenta, development, diabetes.

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

Objectives: We used three-dimensional ultrasound with trans-abdominal Power-Doppler (3D-US PD) to determine placental vascular evolution in normal pregnancies (NP) and in insulin-dependent Gestational Diabetes Pregnancies (GDP).

Study design: We obtained 473 measurements from 43 NP at 20 weeks-40 weeks gestation and 122 measurements from 70 insulin-dependent GDP at 22 weeks-40 weeks.

Standardization was achieved recording three successive placental vascular tree volumes, measuring the spherical volume between the chorionic and basal plates always under or near funicular insertion. Parameters analysed were: mean intensity of blood flow (Flow Index, FI); percentage of volume occupied by vessels (Vascularisation Index, VI); and intensity of blood flow in the volume occupied by vessels (Vascularisation-flow index, VFI).

Results: In NP, FI increased throughout early pregnancy and decreased before delivery and correlated with fetal parameters. In contrast, in GDP, FI was high from the onset, better correlated with placental parameters, and had a diagnostic cutoff value of 45, which was only found in 7% of NP at the end of the pregnancy. VI was variable and had a low diagnostic value, being related to placental parameters; VI values were significantly lower in NP ($17.4 \pm 7.4\%$) than in GDP ($21 \pm 12\%$) with a diagnostic cutoff point at 31%. In NP, FI-peak was at 32 weeks, two weeks after the VI-peak, while VFI showed no significant differences.

Conclusions: The results showed that placental blood flow (FI) was related to fetal circulation, while the percentage of vessels per volume (VI) was related to maternal circulation. 3D-US PD indicated a diagnosis of GDP for $FI > 45$ and $VI > 30\%$. We also discuss the values of change in VI that predict changes in fetal FI.

10. Title: HFOG. Small versus Big Data.

Publisher(s): The international eHealth. Malina J & F.Lieves Ed.
 Producer and/or distributor (with address): Med-e-Tel 2015. Luxembourg
 Year: 2015
 Number of pages: (15 pages)

Type of document/material:

- Book X
- Periodical
- Others (specify, please)

Teaching/learning material

Language(s): English.

Main keywords (4 or 5):

Small Data, Health Fog, Cloud, Healthcloud, Integrated Care.

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

Data used in health care is being analyzed and stored in data centers. This data is part of what today we refer as Big Data. Additionally, in the last few years it has been an explosion of IoT devices, such as sensors and actuators. A lot of them are used to obtain health related parameters. In this paper the concept of Health Small Data (HSD) is introduced. HSD refers to the data received from these IoT devices and additional personal health information for each person. We claim that thanks to the convergence of Internet, IoT and HSD a new way to provide Health Assistance in a very personal, secured and (ultra-fast) can be deployed through the implementation of Personal Health Assistants (PHA) in nodes closer to the end user, offering a much reduced latency and releasing the medical system of simple. The technology platform for PHA is Fog Computing, through the deployment of Fog nodes that will handle HSD regarding the patients under its area of actuation. To ensure privacy and ownership of the information, this data will be maintained in the lower aggregation nodes of the Fog hierarchy. If a patient move to a new location served by a different Fog node then the HSD will be transferred to the new node in a secured (encrypted) way.

11. Title: 4T-Medicine and Persson's Dilemma in healthcare.

Publisher(s): Researchgate DOI: 10.13140/RG.2.1.4884.3686

Producer and/or distributor (with address):

Year: 2015

Number of pages: (2 pages)

Type of document/material:

- Book
- Periodical X
- Others (specify, please)

Teaching/learning material

Language(s): English.

Main keywords (4 or 5):

4T, medicine, eHealth, W2P, F2F, TU

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

Telemedicine (TM) deserves serious consideration in the present economic situation. In such dire circumstances, social support offered through Transversal Units (TUs) is of paramount importance, particularly if provided at a distance. This holistic endeavor merges various healthcare services such as specialized, emergency, social, home-care, preventive, pediatric and mental health care, all involving health transport, information technology (IT) and pharmacy logistics.

Most TM programs rely on rudimentary technical solutions despite the availability of simple state-of-the-art technology. Videoconferencing with new-generation HD1-TV-sets that incorporate Internet allows medical and social assistance to be brought closer to users at

negligible cost (eg. using Skype). Nevertheless, willingness to pay (W2P) has been identified as an element of success in USA

Annex 5

Outputs-II

Form 2: Multimedia material

Title of activity: **TELEMEDICINE-CD (12 publications)**

1. Title: CATAI Telemedicine-CD. ISBN 84-923357-2-6

Producer and/or distributor (*with address*): CATAI

Year: 1999-2016

Teaching/learning material X

Type of material:

- Video
- CD ROM X with videos
- Videoconference:
- Other type of material

Duration: 643 MB

Format: Word, Html, /ppt, /mpeg

Language(s): English- Italian-Spanish

Main keywords (4 or 5): Telemedicine

SHORT ABSTRACT

According to one of the numerous definitions of Telemedicine “providing medicine at a distance“, any doctor being trained in the use of some telematic devices could effort what he practice. The reality is far from this because to assure a safe practice, people have to learn and bear a minimum understanding of a wide range of topics: from economics to telecommunications and from medicine to legal aspects. Technology learning is not limited to technology itself but linked to its social practical consequences in all their aspects. To guarantee that none of the aspects related with Telemedicine are missed, this minimum knowledge has to be fixed, organized and in some way standardized. The main purpose of this book is to structure the basic knowledge linked to teaching to provide or to practice telemedicine, as well as an overview of the technology developments linked to this new discipline. As expressed in the title (Handbook of Telemedicine), the book is precisely structured as a “handbook” whose main value is the joint opinion of all the participating authors of what are the learning requirements for anyone that would like to practice Telemedicine. It is neither a full treatise nor a complete collection of all telemedicine applications or telemedicine basics. It was built with the aim of creating awareness to the academic aspects (technology development, telecommunications approach, law and regulations, medical practice) as well as to the minimum knowledge requirements to guarantee safe and appropriate medical practice. Nowadays this fact is enhanced by the evidence that welfare expenses cannot be endlessly increased, whilst an efficient health provision system in the context of the information society, will mark a new trend to configure health care practice in the next century. If training and teaching schemes are to cope with the demands of society it seems obvious that those careers and professions should consider structured and sufficient training in Telemedicine.

2. Title: EU-Master of Telemedicine and Bioengineering applied to Telemedicine

Producer and/or distributor (*with address*): CATAI Ed. ISBN 84-609-2162-X

Year: 2004-16

Teaching/learning material X

Type of material:

- Video DVD with text & multimedia X
- CD ROM
- Videoconference:
- Other type of material

Duration: 2 GB

Format: RM (real media)

Language(s): English-Spanish

Main keywords (4 or 5): Telemedicine

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

Generic name of the list of DVDs with multimedia material produced to train at distance on Telemedicine and Bioengineering applied to telemedicine any people who are interested. No requirements needed, except a DVD reader in the computer.

3. Title: EU-Master of Telemedicine and Bioengineering applied to Telemedicine. Volume I.

Producer and/or distributor *(with address)*: CATAI Ed. ISBN 84-609-2163-8

Year: 2004-16

Teaching/learning material X

Type of material:

- Video DVD with text & multimedia X
- CD ROM
- Videoconference:
- Other type of material Other multimedia material

Duration: 2 GB

Format: RM (real media); PDF; HTML

Language(s): English-Spanish

Main keywords (4 or 5): Telemedicine

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

Volume I of the multimedia material trains the people in Quality control and security in e-health. It includes text, presentations and videos given by the more representative professionals in the world in the topics of Minima requirements, Technical knowledge, Teleworking and teleteaching, Principal technical innovations, Telemetry, Nanotechnology, Quality control and assessment, Legal requirements, Security, Internet, Standards, Electronical Health Record.

4. Title: EU-Master of Telemedicine and Bioengineering applied to Telemedicine. Volume II.

Producer and/or distributor *(with address)*: CATAI Ed. ISBN 84-609-6488-4.

Year: 2005-16

Teaching/learning material X

Type of material:

- Video DVD with text & multimedia X
- CD ROM
- Videoconference:
- Other type of material

Duration: 2 GB

Format: RM (real media); PDF; HTML

Language(s): English-Spanish

Main keywords (4 or 5): Telemedicine

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

Volume 2 of the multimedia material produced for distant training containing texts, presentation and videos. Topics covered in these editions include Telemedicine applications, Minimal technical knowledge, Nanotechnology and new materials, Mobile and electronic learning, Digital signature,

Security for health-care, Legal and liability issues, Artificial intelligent in the control of diseases, robotic surgery, ambience intelligence and virtual environment for disease control and treatment, telepresence.

5. Title: EU-Master of Telemedicine and Bioengineering applied to Telemedicine. Volume III.

Producer and/or distributor (*with address*): CATAI Ed. ISBN: 84-611-3589-X.

Year: 2006-15

Teaching/learning material X

Type of material:

- Video DVD with text & multimedia X
- CD ROM
- Videoconference:
- Other type of material

Duration: 2 GB

Format: RM (real media); PDF; HTML

Language(s): English-Spanish

Main keywords (4 or 5): Telemedicine

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

Volume 3 of the multimedia material produced for distant training containing text, presentation and videos. Topics covered in these editions include mainly standards and technology linked to personalized medicine or *p-Medicine*, Non-invasive sensors, Security for health-care, Legal and liability issues, Artificial intelligent in the control of diseases, robotic surgery, ambience intelligence and virtual environment for disease control and treatment, telepresence.

6. Title: EU-Master of Telemedicine and Bioengineering applied to Telemedicine. Volume IV.

Producer and/or distributor (*with address*): CATAI Ed. ISBN: 978-84-612-1102-9.

Year: 2007-16

Teaching/learning material X

Type of material:

- Video DVD with text & multimedia X
- CD ROM
- Videoconference:
- Other type of material

Duration: 2 GB

Format: RM (real media); PDF; HTML

Language(s): English-Spanish

Main keywords (4 or 5): Telemedicine

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

Volume 4 of the multimedia material produced for distant training containing text, presentation and videos. Topics covered in these editions include Global vision of standard in Telemedicine. Quality control in Teleophthalmology and OCT. Telemedicine cost in Primary Attention. New aspects in the DICOM standard. Wavelet compression on medical imaging. Image quality assessment. Identity management Quality of services in 4G networks. Telecardiology quality and reliability assurance frameworks. IHE in Spain. Data Protection Laws. Advances in Sanitary Regulation. OneQL: Efficiently Querying the Health Domain in the Semantic Web. Telemetry. Calibration of monitors in Radiology. Wide Spain. Standards of virtual reality. Environmental intelligence in telemedicine. Decision support system and robotics. Stitching & transmission in JPEG2000. Telemedicine in the Sea. Teleophthalmology in the HUC. Distance learning in surgery. Quality control and quality assessment medical device standards. Medical image modalities. Cardiac frequency and detection of cardiac events. Image stictchin in medicine. Telepsychiatry efficacy. Hand-held computer in medicine. Spanish law and Telemedicine. Ethics in Telemedicine.

7. Title: EU-Master of Telemedicine and Bioengineering applied to Telemedicine. Volume V.

Producer and/or distributor (*with address*): CATAI Ed. ISBN: 978-84-612-8290-6.

Year: 2008-16

Teaching/learning material X

Type of material:

- Video DVD with text & multimedia X
- CD ROM
- Videoconference:
- Other type of material

Duration: 2 GB

Format: RM (real media); PDF; HTML

Language(s): English-Spanish

Main keywords (4 or 5): Telemedicine

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

Volume 5 of the multimedia material produced for distant training containing text, presentation and videos. Topics covered in these editions include Global vision of Quality control in Telemedicine. Biobanking.

8. Title: EU-Master of Telemedicine and Bioengineering applied to Telemedicine. Volume VI.

Producer and/or distributor (*with address*): CATAI Ed. ISBN: 978-84-613-7245-4.

Year: 2008-16

Teaching/learning material X

Type of material:

- Video DVD with text & multimedia X
- CD ROM
- Videoconference:
- Other type of material

Duration: 2 GB

Format: RM (real media); PDF; HTML

Language(s): English-Spanish

Main keywords (4 or 5): Telemedicine

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

Los avances tecnológicos en el campo de la visión microscópica de las imágenes o la capacidad diagnóstica de una gran variedad de técnicas ópticas, obligan a analizar y reubicar el papel del Anatomopatólogo en la medicina. Ni los microscopios, ni la tinción, ni el procesado de tejidos son hoy en día imprescindibles para diagnosticar una lesión. Se hace necesario contar con publicaciones morfológicas que determinan el estándar de acuerdo con la técnica empleada de estas biopsias in vivo o biopsias ópticas no disruptivas.

9. Title: EU-Master of Telemedicine and Bioengineering applied to Telemedicine. Volume VII.

Producer and/or distributor (*with address*): CATAI Ed. ISBN: 978-84-614-5996-4.

Year: 2009-16

Teaching/learning material X

Type of material:

- Video DVD with text & multimedia X
- CD ROM
- Videoconference:
- Other type of material

Duration: 2 GB

Format: RM (real media); PDF; HTML

Language(s): English-Spanish

Main keywords (4 or 5): Telemedicine

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

IoT. El Internet de los Dispositivos médicos. Salud 2.0 a Salud 3.0, trata de los aspectos tecnológicamente más avanzados sobre la gestión de los dispositivos a distancia a través de Intra o Internet, con identificación unívocas y altas en la red, que permiten la ubicación, gestión y modificación a distancia de los dispositivos médicos o mecánicos asociados (ejem: camillas...) de forma que se facilite no solo un MRP (management resource planning) sino una telemetría en condiciones de permitir la monitorización de los pacientes. En el segundo apartado nos movemos desde la Salud electrónica 2.0 a través de Internet en la que la calidad y control es limitado a la Salud 3.0 en la que se priman los criterios de control de calidad en todos los ámbitos de automatización y robotización.

Para ello contamos con expertos internacionales, especialmente seleccionados por sus aspectos innovadores en su clínica diaria o en sus investigaciones y por su apuesta por la estandarización y calidad de la asistencia.

10. Title: Title: EU-Master of Telemedicine and Bioengineering applied to Telemedicine. Volume VIII.

Producer and/or distributor *(with address)*: CATAI Ed. ISBN: 978-84-615-6144-5

Year: 2011-2016

Teaching/learning material X

Type of material:

- Video DVD with text & multimedia X
- CD ROM
- Videoconference:
- Other type of material

Duration: 2 GB

Format: RM (real media); PDF; HTML

Language(s): English-Spanish

Main keywords (4 or 5): Telemedicine

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

Móviles 4G en Telemedicina, trata de los aspectos tecnológicamente más avanzados sobre la gestión de los dispositivos a distancia a través de Telefonía móvil. Particularmente:

1.- El uso de los móviles de última generación para la medicina y las aplicaciones H2H (health2health) y las Smart-GRID o el acceso universal en la Nube, además de los aspectos técnicos del Packet Backhaul Technology, o las estrategias packet-core.

2.- El control de calidad de las aplicaciones de Telemedicina

3.- El informe: "Telecommunications, IT and Healthcare: Wireless Networks, Digital Healthcare and the Transformation of US Healthcare, 2006-2011" en el que se especifica que en USA la industria de TIC relacionadas con la salud se incrementará en un 8.4% en 5 años cubriendo desde \$7.5 billones en 2008 a \$11.3 billones en 2013. El gasto sanitario pasará de ser un 6% del PIB a un 16% a un 18%. La industria sanitaria se ve forzada a operar de forma más eficiente, y un elemento central será la creación de redes eficientes capaces de compartir no solo datos sino imágenes de calidad para el diagnóstico remoto que se llevara a cabo con personal

Médico altamente cualificado. Un coste enorme se pierde en el sistema en la interfaz médico-paciente – tiempo de desplazamientos, buscar plazas a los enfermos, buscar la atención que requieren, administrar la atención etc... - Por ello el control remoto es algo esencial.

Para ello contamos con expertos internacionales, especialmente seleccionados por sus aspectos innovadores en su clínica diaria o en sus investigaciones y por su apuesta por la estandarización y calidad de la asistencia.

11. Title: Title: EU-Master of Telemedicine and Bioengineering applied to Telemedicine. Volume IX.

Producer and/or distributor *(with address)*: CATAI Ed. ISBN: 978-84-615-6081-3

Year: 2012-2015

Teaching/learning material X

Type of material:

- Video DVD with text & multimedia X
- CD ROM
- Videoconference:
- Other type of material

(Please specify): _____

Duration: 2 GB

Format: RM (real media); PDF; HTML

Language(s): English-Spanish

Main keywords (4 or 5): Telemedicine

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

Sanidad en la nube, i-Cloud y Consulta masiva trata los aspectos relacionados con “ la nube sanitaria”, el papel que la telefonía móvil desempeña en este tipo de actividades, así como la repercusión que tiene el denominado “ Crowdsourcing” en el contexto sanitario que permite a los médicos consultar con los mayores expertos en las distintas áreas sanitarias.

La tecnología debe asegurar un sistema de provisión de servicios en sanidad, viable económicamente, descentralizado y ubicuo todo ello a bajo coste por ello los teléfonos inteligentes y los servicios en la Nube van a ser determinantes en esta evolución. El almacenamiento masivo de datos y su accesibilidad y control remoto con virtualización disminuirán costes y personal. se tratan en el presente libro, que se basara principalmente en cómo pueden los profesionales médicos valerse de las nuevas tecnologías y la comunicación (TICS), para hacer más eficiente las asistencia a distancia.

Para ello contamos con expertos internacionales, especialmente seleccionados por sus aspectos innovadores en su clínica diaria o en sus investigaciones y por su apuesta por la estandarización y calidad de la asistencia.

12. Title: Title: EU-Master of Telemedicine and Bioengineering applied to Telemedicine. Volume X.

Producer and/or distributor *(with address)*: CATAI Ed. ISBN: 978-84-615-6081-3

Year: 2013-2016

Teaching/learning material X

Type of material:

- Video DVD with text & multimedia X
- CD ROM
- Videoconference:
- Other type of material

(Please specify): _____

Duration: 2 GB

Format: RM (real media); PDF; HTML

Language(s): English-Spanish

Main keywords (4 or 5): Telemedicine

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

System on Chip (SoC) devices in Telemedicine from Lab on chip (LoC) to high resolution images, summarized the most advanced, miniaturized, reverse innovation Solution for better Access to Healthcare. Mostly of them based in smartphones, some of the innovations are based on the DIY or do it yourself phylosophy.

SUMMARY

Mueve la rueda del ratón para desplazar las imágenes

DVDs: MASTER EUROPEO EN TELEMEDICINA Y BIOINGENIERÍA APLICADA A LA TELEMEDICINA

- [VOLUMEN 1](#) ISBN: 84-609-2163-8
- [VOLUMEN 2](#) ISBN: 84-609-6488-4
- [VOLUMEN 3](#) ISBN: 84-611-3589-X
- [VOLUMEN 4](#) ISBN: 978-84-612-1102-9
- [VOLUMEN 5](#) ISBN: 978-84-612-8290-6
- [VOLUMEN 6](#) ISBN: 978-84-613-7245-4
- [VOLUMEN 7](#) ISBN: 978-84-614-5996-4
- [VOLUMEN 8](#) ISBN: 978-84-615-6144-5
- [VOLUMEN 9](#) ISBN: 978-84-615-6081-3
- [VOLUMEN 10](#) ISBN: 978-84-616-2364-8

Title of activity: TELEMEDICINE GROUP ON LINE (11 On line platforms)

1. Title: CATAI WEBPAGE www.teide.net/catai

Producer and/or distributor (*with address*): CATAI

Year: 1997-2016

Teaching/learning material X

Type of material:

- Video
- CD ROM
- Videoconference:
- Other type of material X
- (*Please specify*): Web page; Videostreaming training

Duration:

Format: Html; RM (real media)

Language(s): English- Spanish

Main keywords (4 or 5): Telemedicine

SHORT ABSTRACT

(*Brief description of the content in English, French or Spanish*)

The CATAI web has as a main objective the spread of the Telemedicine in Spain and in developing countries. The non-for profit association for the CATAI (Center of Advanced Technology in Image Analysis) supports Telemedicine activities and studies in the field of:

Image Analysis at distance

Data transmission

Videoconsultation and videoconferences

On Line training

Distant telementation.

The Winter Courses of the CATAI can also be followed on line in a video streaming during its production by means of the Helix Videosever providing Real Media output that contains the Power Point presentation together with the video image of the speaker.



2. Title: Telemedicine BLOG <http://www.catai.net/blog>

Producer and/or distributor (*with address*): ULL

Year: 2008-2016

Teaching/learning material

Information material X

Type of material:

- Video
- CD ROM
- Videoconference:
- Other type of material X
- (*Please specify*): News

Duration: Always updated. 1015 posts (102 posts in 2015)

Language(s): English- Spanish

SHORT ABSTRACT

(*Brief description of the content in English, French or Spanish*)

The blog of the TELEMEDICINE chair displays all outstanding information regarding the chair itself, the cooperation activity and the UNESCO activity related with the chair of telemedicine, as well as the mission carried out in rural and depressed areas.

3. Title: Facebook Unesco Telemedicine Profile

<https://www.facebook.com/unesco.telemedicine>

Producer and/or distributor (*with address*): CATAI

Year: 2010-2016

Teaching/learning material

Information material X

Type of material:

- Video
- CD ROM
- Videoconference:
- Other type of material X
- (*Please specify*): News

Duration: Always updated. Everyday posts.

Language(s): English- Spanish

SHORT ABSTRACT

(*Brief description of the content in English, French or Spanish*)

The Unesco Telemedicine Facebook profile displays all outstanding information regarding the telemedicine, highlighting news that involve innovation, new standards, regional problems, etc, with everyday posts.

4. Title: Youtube Channel <http://www.youtube.com/user/cataiyt>

Producer and/or distributor (*with address*): CATAI

Year: 2011-2015

Teaching/learning material

Information material X

Type of material:

- Video X
- CD ROM
- Videoconference:
- Other type of material

Duration: 727 uploaded videos, 74.636 video plays, 619 subscribers.

Language(s): English- Spanish

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

The Youtube Channel displays teaching material in medicine and telemedicine technologies and innovations. There is a wide offer of educational material, about the top issues relating telemedicine innovation, such as BYOD, mobile health applications, health cloud, etc.

5. Title: Twitter Unesco Telemedicine Profile <https://twitter.com/UnescoTeleMed>

Producer and/or distributor (*with address*): CATAI

Year: 2011-2013

Teaching/learning material

Information material X

Type of material:

- Video
- CD ROM
- Videoconference:
- Other type of material X
- *(Please specify):* News

Duration: 6610 tweets. 491 followers.

Language(s): English- Spanish

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

The Unesco Telemedicine Twitter profile displays all outstanding short information regarding the telemedicine, highlighting news that involve innovation, new standards, regional problems, etc, with everyday posts.

6. Title: Health Crisis Map <https://unescotelemedicine.crowdmap.com/>

Producer and/or distributor (*with address*): CATAI

Year: 2011-2015

Teaching/learning material

Information material X

Type of material:

- Video
- CD ROM
- Videoconference:
- Other type of material X
- *(Please specify):* News

Duration: 208 Posts.
Language(s): English- Spanish

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

The Health Crisis Map geographically displays news about the problems generated by the economic crisis, making focus in the Spanish Health System and the lack of resources.

7. **Title: LinkedIn Unesco Telemedicine Profile** <http://es.linkedin.com/pub/unesco-telemedicine/43/aa2/93b>

Producer and/or distributor (*with address*): CATAI

Year: 2011-2016

Teaching/learning material

Information material X

Type of material:

- Video
- CD ROM
- Videoconference:
- Other type of material X
- (*Please specify*): Discussion Groups

Duration: 756 followers.

Language(s): English- Spanish

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

The Unesco Telemedicine LinkedIn profile works as a nexus with other people and organizations. Participations in discussion groups as “Horizont 2020 Framework”.

8. **Title: Slideshare profile:** http://www.slideshare.net/OFRoca/edit_my_uploads?page=1

Producer and/or distributor (*with address*): CATAI

Year: 2013-2016

Teaching/learning material

Information material X

Type of material:

- Video
- CD ROM
- Videoconference:
- Other type of material X
- (*Please specify*): Discussion Groups

Duration: 20 uploads. 238 followers. 8782 views .

Language(s): English- Spanish

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

The Unesco Telemedicine slide-share profile is very much appreciated since it post outstanding material related with innovation and humanistic prospective of the Healthcare.

9. **Title: Scoop-it profile:** <http://www.scoop.it/u/unesco-telemedicine/curated-scoops>

Producer and/or distributor (*with address*): CATAI

Year: 2014-2015

Teaching/learning material

Information material X

Type of material:

- Video
- CD ROM

- Videoconference:
- Other type of material X
- *(Please specify):* Discussion Groups

Duration: 1100 views- 60 uploads. 29 followers .

Language(s): English- Spanish

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

The Unesco Telemedicine Health 4.0 scoop-it section of curated information regarding Health 4.0 is a classical one since it updated all information regarding Humanization of Healthcare, DIY, mHealth, Equity in Healthcare.

10. Title: Diabetes control <http://193.145.112.231/CHS/>

Producer and/or distributor *(with address)*: CATAI

Year: 2002-2011

Teaching/learning material

Type of material:

- Video
- CD ROM
- Videoconference:
- Other type of material X
- *(Please specify):* Support of diabetic people at distance

Duration:

Format: Html;

Language(s): English- Spanish

Main keywords (4 or 5): Telemedicine, Diabetes, SMS

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

Web Server is available for medical people groups in English and in Spanish that is able to test Diabetes control at distance. It is accessible by the Internet and also using mobile phone SMS.

11. Title: Anticoagulant treatment control at distance <http://193.145.112.231/INR/>

Producer and/or distributor *(with address)*: CATAI

Year: 2002-2013

Teaching/learning material

Type of material:

- Video
- CD ROM
- Videoconference:
- Other type of material X
- *(Please specify):* Support of people treated with an anticoagulant treatment.

Duration:

Format: Html;

Language(s): English- Spanish

Main keywords (4 or 5): Telemedicine, INR, telemetry, anticoagulation, SMS

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

This web site is available for any patient or doctor who either can be controlled at distance or want to control the patient at distance. It includes a Decision Support System (DSS) to advise the user on the type of treatment that should be implemented plus the capability of give messages from the doctor to the patients and vice versa.

Title of activity: DISTANT TEACHING

1. Title: <http://alexandros.ccslab.aueb.gr/~ctc>

Producer and/or distributor (*with address*): CATAI

Year: 2000-2013

Teaching/learning material X

Type of material:

- Video
- CD ROM
- Videoconference:
- Other type of material X
- (*Please specify*): Web page

Duration:

Format: Html

Language(s): English-Spanish

Main keywords (4 or 5): Telemedicine distance training

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

The present activity carries out the diffusion of the structured training skills in the field of TELEMEDICINE. It introduces an innovative professional training by assuming new Information Society skills not only in the Health Care provision but also in the teaching methodology. The co-operation inside of the present CTC consortium will provide and update the contents of those rapidly moving technologies, and will bring innovative approaches in the teaching done at distance with experience of the ODL of APOLLO project as well as the experience on surgical virtual reality simulators provided by the new partners. The training is directed towards trainers to update their knowledge and skills; therefore, it means health care professionals (including directors and responsible people) in the European Union. This requires the updating of the Information Society training applied to health care.

This activity is linked with the initiative of the UNESCO Chair of Telemedicine to apply the consortium experience towards the urgent demand of Telemedicine in developing countries to improve their limited health care system efficiency and accessibility. The International teaching activities are arranged in intensive winter and Summer Courses particularly to update trainer knowledge and teaching material. This activity also takes into consideration the fact that a complete training is not possible in each individual country due to the irregular Health Care technology developments throughout the European Union

2. Title: Distant coaching and training(BREEZE) <http://www.cataibreeze.uil.es/>

Producer and/or distributor (*with address*): CATAI

Year: 2006-2013

Teaching/learning material X

Type of material:

- Video X
- CD ROM
- Videoconference: X
- Other type of material X
- (*Please specify*): Multimedia material and on-line session to train at distance in Telemedicine, including the official master students.

Duration: Always updated. Up to now 3 months material

Format: Macromedia Breeze (server-presenter); Macromedia Flash

Language(s): English- Spanish

Main keywords (4 or 5): Telemedicine training

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

Web Server available for training and coaching students on line and at distance in the Telemedicine topic as well as Bioengineering applied to telemedicine. Top multimedia material and test as well as on

line conferences are included for study a review of the students. On line questionnaires will be available in the future.

3. Title: European master Telemedicine

<http://www.teide.net/catai/inscripcion/MASTERESP.htm>

http://www.bioingenieria.edu.ar/extension/secretaria/novedades/boletines/Boletin%20Institucional_76.htm

Year: 2007-2015

Teaching/learning material X

Information material

Type of material:

- Video
- CD ROM
- Videoconference:
- Other type of material X
- (Please specify): PDF.

Duration: 2007-2009

Format: PDF

Language(s): English- Spanish

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

El objetivo del Master Europeo de Telemedicina y Bioingeniería aplicada a la Telemedicina es impartir una enseñanza de calidad en Telemedicina y Salud electrónica orientada a posgraduados en Medicina, Informática, Ingenieros, Economistas e incluso Abogados, habilitando a estos profesionales para desarrollar e implementar soluciones sobre atención médica a distancia en cada uno de sus entornos.

Title of activity: UNIVERSITY OF LA LAGUNA (ULL)

1. Title: Guide of the ULL http://www.teide.net/catai/catedra_unesco/pag5253.pdf

Producer and/or distributor (with address): ULL (University La Laguna)g

Year: 2007-2015

Teaching/learning material

Information material X

Type of material:

- Video
- CD ROM
- Videoconference:
- Other type of material X
- (Please specify): PDF. (Pages 52-53)

Duration: Always updated.

Format: PDF

Language(s): English- Spanish

Main keywords (4 or 5): UNESCO Chair information in the guide of the ULL

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

It refers to the presence and the activity of the UNESCO Chair of the University of La Laguna in the general guide of the University in a prominent place.

2. Title: Collection activities Unesco Chair Ull

http://www.ull.es/view/institucional/ull/Catedra_Unesco_de_Telemedicina/es

Producer and/or distributor (with address): ULL (University La Laguna)g

Year: 2007-2015

Teaching/learning material
 Information material X
 Type of material:
 • Video
 • CD ROM
 • Videoconference:
 • Other type of material X
 • (Please specify): Web site
 Duration: Always updated.
 Format: PDF
 Language(s): English- Spanish
 Main keywords (4 or 5): UNESCO Chair information activities of the ULL

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

It refers to the presence and the activity of the UNESCO Chair of the University of La Laguna in the general web site with all years' activities from the start.

Title of activity: UNESCO

1. Title <http://www.unesco.org/en/unitwin/access-by-region/europe-and-north-america/spain/unesco-chair-in-telemedicine-467/>

Year: 2011

Teaching/learning material X

Information material

Type of material:

- Video
- CD ROM
- Videoconference:
- Other type of material X
- (Please specify): htm

Format:

Language(s): Spanish

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

- Para facilitar la capacitación y la adquisición de habilidades en la Telemedicina, dirigidos a las áreas geográficas y la aplicación médica que muestran las necesidades reales de apoyo a la telemedicina.
- Actuar como órgano intermediario o dar apoyo directo de telemedicina adaptado a las necesidades e infraestructura de los países que reciben apoyo.
- Para promover la telemedicina misión de la unidad central (MTCU) que proporciona: apoyo médico a través del teléfono, centros de coordinación (RCC) y centros de telemedicina de apoyo

2. Title [El XXV curso de Telemedicina de la ULL expone los avances en nuevas tecnologías para el Servicio sanitario](http://www.ull.es/viewullnew/institucional/prensa/Noticias_ULL/es/2250830)

http://www.ull.es/viewullnew/institucional/prensa/Noticias_ULL/es/2250830

Year: 2012

Teaching/learning material

Information material

Type of material:

- Video
- CD ROM
- Videoconference:
- Other type of material X

- (Please specify): htm

Format:

Language(s): Spanish

SHORT ABSTRACT

(Brief description of the content in English, French or Spanish)

La cátedra de Anatomía Patológica de la Universidad de La Laguna, ostentada por la doctora Olga Ferrer-Roca, ha organizado el XXV Curso de Análisis de Imagen del CATAI (Curso Avanzado Tecnológico de Análisis de la Imagen). Con este programa se pretende acercar a alumnos y profesionales del sector los avances en telemedicina, es decir, la prestación de servicios médicos a distancia utilizando las nuevas tecnologías. El curso se impartirá entre el lunes 12 y el domingo 18 de marzo y tiene una duración de 80 horas.

Form 3: Program of Courses

2013 - Title of activity: SYSTEM ON CHIP (SoC) devices in Telemedicine. From Lab on Chip (LoC) to high resolution images

XXI WINTER COURSE OF CATAI

XXVI IMAGE ANALYSIS COURSE OF THE ULL

04th March-10th March 2013

SYSTEM ON CHIP (SOC) DEVICES IN TELEMEDICINE FROM LABOC TO HIGH RESOLUTION IMAGES

La Laguna. Tenerife. Canary Islands. Spain.

Course recognized by: ESCAP (European Society of Analytical Cellular Pathology),

ISDQP (International Society of Diagnostic Quantitative Pathology) and ISCO

(International Society of Cellular Oncology). <http://www.qub.ac.uk/isco/iscoweb/>;

by EFMI (European Federation of Medical Informatics) <http://www.efmi.org/>

80 Teaching hours

MONDAY 4TH MARCH, 2013

16-20h • *Welcome to the Course.* **F. Luengo Orol**, Chancellor of Industrial Development and Technological Innovation. **Prof. Dr. E. Domenech**, Head of the University of La Laguna (ULL), Tenerife. **Prof. Dr. C. Ruiz-Pérez**, Research Vice-Chancellor, Univ. of La Laguna, Tenerife. *NIR-tomography & fMRI applied to Neurology* **Prof. Dr. JL Gonzalez Mora**, Physiology. ULL. <http://www.nirx.net/breast-imaging>.

TUESDAY 5TH MARCH, 2013

16-20h • *Photonics based Telemedicine Technologies* **Prof. Dr. A.Ozcan**, Univ. California UCLA. Innovation through photonics. <http://www.innovate.ee.ucla.edu/>; <http://biogames.ee.ucla.edu/>; <http://www.ee.ucla.edu/faculty-ozcan.htm>; *BYOD (Bring Your Own Device), gamification and high resolution in Telemedicine*, **Prof. Dr. O. Ferrer-Roca**, UNESCO Chair of Telemedicine, Univ. La Laguna ULL. <http://www.teide.net/catai>. *Superresolution in digital holographic microscopy by synthetic aperture.* **Prof. Dr. V. Micó**. Physics Faculty. U.Valencia. <http://www.uv.es/gpoei/eng/directorio.html>

WEDNESDAY 6TH MARCH, 2013

16-20h • *Vidyo, High definition videoconference without MCU.* **Frank Ruge** VP Vertical Market EMEA, Vidyo. <http://www.vidyo.com>. *In-Memory Technology – An Enabler for Personalized Medicine*, **Prof. Dr. Ch. Meinel**, Hasso-Plattner Institute, Potsdam University, Germany, <http://www.hpi.uni-potsdam.de/>

THURSDAY 7TH MARCH, 2013

16-20h • *Project 2020.Future Medical Office.* **Prof. Dr. G. Graschew and V. Guerkan**, Clinical University of the Charité, Berlín, <http://www.rk-berlin.de/op2000>. ESA- European Space Agency, ESTEC-European Space Research and Technology Centre, Noordwijk, Holanda, <http://www.esa.int/>. *Open source EHR and image processing.* **Ing. L. Falcon.** <http://health.gnu.org/>

FRIDAY 8TH MARCH, 2013

16-20h • *New type of images in medicine.* **Prof. Dr. A. Horsch**, Technical Univ. Munich. Germany. <http://www.efmi-wg-mip.net/>. *Lab on chip analysis systems for viruses* **Ing. Dr. Reiner Gotzens**. MicroTEC. Germany. http://www.microtec-d.com/html/d_company/e_fuehrung.html

SATURDAY 9TH MARCH, 2013

16-20h • *Assistant living with images*. **Ing. D. Gonzalez**, Unesco Telemedicine, Canary Islands.
<http://catai.net/blog/acerca-de-este-blog/>. *Images role in e-health*. **Prof. Dr. A. Kastania**, Athens University of Economics and Business, Greece. <http://www.aueb.gr/users/kastania/researchank.html>.

SUNDAY 10TH MARCH, 2013

16-20h • *Students presentation of the IT works*. Coordinator: **Prof. Dr. O. Ferrer-Roca**, *Telemetry*, **Mr. J. L. López**, COMITAS Communications. <http://www.comitas.es>. *Wheels for iPad to build a COW (computer on wheels)*, Double-robotics, <http://www.doublerobotics.com/#>.

WORKSHOPS: Everyday from 8 to 16 h.

Near Infrared images (NIR) and fMRI-functional MRI (*Prof. Dr. J. L. Gonzalez-Mora, F. Rodríguez Hernández, Dr. G. Navarrete García, C. Modroño Pascual*); 2. Robotic surgery and intelligent operating room (*Prof. Dr. A. Alarcó & Dr. A. Bravo*); 3. Double Robotics COW with iPad; 4. Full HD telemedicine with Vidyó (*Ing. J. Gonzalez*); 5. BYOD & Galaxy camera. 6. iPhone telepathology with SkyLight. 7. Dropbox cloud.

2014 - Title of activity: 4T-MEDICINE (cancelled)

XXII WINTER COURSE OF CATAI

XXVII IMAGE ANALYSIS COURSE OF THE ULL

17th March-23th March 2014

4T MEDICINE

La Laguna. Tenerife. Canary Islands. Spain.

Course recognized by: ESCAP (European Society of Analytical Cellular Pathology), ISDQP (International Society of Diagnostic Quantitative Pathology) and ISCO (International Society of Cellular Oncology). <http://www.qub.ac.uk/isco/iscoweb/>; by EFMI (European Federation of Medical Informatics) <http://www.efmi.org/>
80 Teaching hours

CANCELLED DUE TO LACK OF FINANCIAL SUPPORT

The teaching on Telemedicine & Tele-Health (TELEMEDICINA y TELESALUD) of 6 ECTS, carried out in the Carrier of Medicine and officially approved since 10 years ago had to be cancelled. Around 200 students/year that usually take this topic which is the only one existing for Medical training in Spain and in EU could not get trained.

Sexto Curso

ANUAL

Asignatura	Tipo	ECTS
Rotatorio Especialidades Médicas.	OB	12
Rotatorio Especialidades Quirúrgicas.	OB	12
Rotatorio Pediatría.	OB	6
Rotatorio Ginecología y Obstetricia.	OB	6
Rotatorio Psiquiatría.	OB	6
Rotatorio Atención Primaria.	OB	6
Rotatorio Urgencias.	OB	6
Trabajo Fin de Grado.	OB	6

Optativas: Oferta para el 2.º/3.º cursos, 1.º cuatrimestre:

1. Inglés Para la Medicina.
2. Nutrición y Dietoterapia.
3. Rehabilitación Médica
4. Medicina de la Actividad Física y del Deporte.
5. Enfermedades Tropicales y Salud Internacional.
6. Telemedicina y Telesalud.
7. Reanimación Cardiopulmonar, Medicina Intensiva, Anestesia y Terapéutica del Dolor.
8. Economía de la Salud y Organización del sistema Sanitario.
9. Medicina Sexual y Reproductiva.

REQUISITOS PREVIOS PARA CURSAR LAS ASIGNATURAS DE LA MATERIA:

Optativas		
Código	Primer Cuatrimestre	Créditos
309370901	Inglés para Medicina	6
309370902	Economía de la Salud y Organización del Sistema Sanitario	6
309370903	Nutrición y Dietoterapia	6
309370904	Rehabilitación Médica	6
309370905	Medicina de la Actividad Física y el Deporte	6
309370906	Enfermedades Tropicales y Salud Internacional	6
309370907	Telemedicina y Telesalud	6
309370908	Reanimación Cardiopulmonar, Medicina Intensiva, Anestesia y Terapéutica del Dolor	6
309370909	Medicina Sexual y Reproductiva	6

2015 - Title of activity: I-SUMMIT OF THE HUMANIZATION OF HEALTHCARE (H2O)

I-SUMMIT OF THE HUMANIZATION OF HEALTHCARE

13th-14th February 2015

HUMANIZATION OF HEALTHCARE

International Meeting at the Mare Nostrum Resort. Tenerife. Canary Islands. Spain.

13th February 2015: ROOM MALLORCA

- 9:30** Coffee break
- 10:00** Presentation of the H2O project. *Fog & small data*. **Prof.Dr.O.Ferrer-Roca**. Unesco Chair of Telemedicine. University La Laguna. www.teide.net/catai . *Non-intrusive devices*. **Prof.Dr.O.Ferrer-Roca**. Unesco Chair of Telemedicine. ULL. www.teide.net/catai. Discussion
- 11:00-12:00** Presentation of the Coordinator. **Manuel Perez Perez**. <http://atos.net/en-us/home.html> . Presentation of the Partners according the EC demands of CVs. (Competitive Expertise, Roles, Patents, EC project participation, publications). Allocation of the responsible of the web site of H2O.
- 13:00** Lunch time
- 15:00** Presentation by the Technological Partners of its role in the philosophy of the project. *Fog & IoT*. **Mario Nemirosky & Damian Roca**. Barcelona Supercomputer Centre. <http://www.bsc.es/computer-sciences/network-processors> . *Standards in connectivity IPv6 and Bluetooth 4.1*. **Antonio Jara**. Ubiquitous. SL & HOPU. <http://www.hopu.eu/> . *FHIR into PHR (personal health record)*. **Ing. Rik Smithies**. NProgram Ltd. <http://www.nprogram.co.uk/>. *Peres: Food control devices*. **Kristina Alesiuniene** Ars Lab Ltd. Lithuania. <http://www.getperes.com/> . *Magic bands*. **Alan Dalton** et al. Univ Surrey.UK. http://www.surrey.ac.uk/physics/people/alan_dalton/. *Risk minimization with open hardware*. **Luis Falcon**. Unesco chair of telemedicine. www.teide.net/catai. Discussion.
- 16:30** Coffee break
- 17:00** *Building the FOG. Intelli-agents*. **Herman Kaindl**. Technical University Wien. <https://www.ict.tuwien.ac.at/en/mitarbeiter/kaindl> *Software infrastructure cloud computing*. **Gabriele Giameto**. Engineering SL. www.eng.it (Round table with Technological partners coordinated by **Prof.Dr.O.Ferrer-Roca & Mario Nemirosky**) Location and functioning of the e-PHAs and management of alerts. Security. Small data location & availability. Discussion.
- 18:00** End of the session. Free time.

14th February 2015: ROOM MALLORCA

- 9:30** Coffee break
- 10:00** *Parameters for a healthy life*. **Dr. Alberto Lazzero**. Zohe. <http://www.zohe-ehealth.org/> . *Role of the Personal Health Assistant*. **Ginetto Menarello & Paola Obbia**. School of Nurses of Torino and Family Health Nurse. Presentation of the High Qualify Nurses partners of its role in the philosophy of the project. **Antonio Jara**. University of Applied Science Western Switzerland (HES-ESO) <http://www.hevs.ch/fr/mini-sites/projets-produits/aislab/> Statistical partners in the Markovian & Bayesian decision for the e-agents. Discussion.
- 11:00-12:00** *Envisaged Business Model*. **Tram Nguyen Thrinh**. Vitanlink. www.vitanlink.com. Presentation by the Insurance and Business partners of its role in the philosophy of the project. *Expatriates support*. **Dr. Stephen Krotsch**. Allianz Worldwide partners. www.allianzworldwidecare.de . *Innovations in Home care*. **Dr Michel Paoli**. Innovation in Intermutuelle Assistance. www.imagroupe.eu Discussion
- 13:00** Lunch time
- 15:00** **Antonio Jara**. University of HES-SO. <http://www.hes-so.ch/> Presentation by the Statistical Responsible Partners of the Pre-trial survey details, Trial requirements and

distant control and evaluation of the trials. Envisaged publication periods. Techniques for monitoring the impact of the project in the Social media.

16:30 Coffee break

17:00 Summary of all data discussed in order to face a cohesive group to gain the challenges of the project. *Role of the HealthBrain in p-medicine*. **Prof.Dr.O.Ferrer-Roca**

17:30 **Manuel Perez Perez**. Coordinator discussion of the Schedule and requirements of the Consortium and of the Call in Horizon 2020. Partner responsible of the Web Page of the project

18:00 **Manuel Perez Perez**. Discussion of the project budget and distribution of the partners. Free time.

2012-13 - Title of activity: MASTER EN DERECHO SANITARIO- UIB.

<http://catai.net/blog/2012/07/master-de-derecho-sanitario/>

2014-15 - Title of activity: MASTER EN DERECHO SANITARIO- UIB.



Coneix algunes de les facilitats que tens a la UIB

- Docència**
 - Tutories:** a més de les tutories de cada assignatura, disposes de tutoria personalitzada i d'acompanyament d'èxit a través de les assignatures.
 - Pràctiques:** per preparar-te per al món laboral, disposes d'opunitats de fer pràctiques externes. Ajusta't!
 - Campus Extens, la nova UIB virtual:** és un servei d'innovació flexible i a distància que permetrà fins a la interacció i desenvolupament universitari. Connecta amb les noves tecnologies!
 - Borsa de treball:** treballa amb el Departament d'Orientació i Inserció Professional perquè trobis el treball que busques i el millor laboral. Ajusta't!
 - Idiomes:** aprèn llengües modernes i accedeix al teu futur. Forma't!
- Instal·lacions**
 - Aules d'informàtica i Wi-Fi:** disposes de 20 sales d'ordinadors i a més, l'últim Wi-Fi de tot el campus a la nova UIB.
 - Residència:** i després d'afegir-hi la Residència Universitària que tens al campus. Vis el millor ambient universitari!

Fundació Universitat-Empresa de les Illes Balears

Des de 1996 la Fundació Universitat-Empresa de les Illes Balears treballa per fomentar, promoure i dur a terme activitats de forma generalitzada a la cultura, a l'educació i a la investigació en tots els aspectes de la vida econòmica i social que puguin contribuir a millorar la societat en què totes dues treballen.

Serveis de la FUEIB:

- Departament de Formació:** gestiona l'activitat i realitza cursos de formació continuada de la Universitat de les Illes Balears. Actualment ofereix més de cinquanta cursos de diferents àmbits, per especialitzar i preparar els universitaris i professionals del nostre entorn.
- Departament d'Orientació i Inserció Professional (DOIP):** ofereix pràctiques empresarials, orientació i inserció professional, orientació professional, Forum de l'Ocupació, altres de forma magistral i agència de col·locació.
- Oficina de Transmissió de Resultats d'Investigació (OTRI):** té com a missió dinamitzar les relacions entre la comunitat científica universitària, les empreses i altres agents socioeconòmics per a l'aplicació del coneixement i els resultats de recerca de la UIB, protecció dels resultats d'investigació de la UIB / creació i desenvolupament del que fa a les empreses empresarials i professionals universitaris.
- Departament de Projectes:** es encarrega de la gestió i desenvolupament de projectes de recerca i desenvolupament tecnològic de la Universitat, de les empreses, institucions públiques i privades, grups universitaris i altres grups d'interès, en tots els àmbits de treball de la Universitat, amb finançament europeu, nacional i regional.
- Club d'Empresaris:** l'objectiu del Club és articular i desenvolupar un xarxa de relacions amb les empreses i professionals del nostre entorn, en tots els àmbits de treball de la Universitat, amb finançament europeu, nacional i regional.
- Instal·lacions Esportives:** més conegudes com a Campus Esportiu, ofereixen tot tipus d'espais esportius per fer i realitzar d'activitats per grups de treball com a activitat paral·lela a curs o a l'edifici. També ofereixen espais esportius i camps per a tots els esports, i cursos i competicions de tota mena per a adults.
- Residència d'Estudiants:** situada a l'edifici Bartomeu Roselló-Pitxot del Campus Universitari, té una àrea d'habitacions i un espai de treball i estudiant de la UIB, a més de ser una residència de la comunitat universitària i a tot el que tingui alguna vinculació amb la Universitat.
- UIBCongrés:** ofereix suport en l'organització de congressos i altres esdeveniments acadèmics i científics, servei d'ajuda, gestió econòmica, secretaria científica i tècnica, web, afició, logística, material, etc.

www.uib.cat
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Se formació@post@uib.cat
Tel. 971 25 98 00
<http://www.fueib.org/curs/destinatari>

2014-15
MÀSTER EN DRET SANITARI
Títol propi de la UIB (60 ECTS)



En què consisteix?

El Màster en Dret Sanitari sorgeix com la iniciativa d'un grup multidisciplinari pertanyent als diferents camps de les professions sanitàries i àrees jurídiques amb l'objectiu de formar juristes amb el perfil de professionals sanitaris i d'investigació en juristes en un àmbit tan complex com el de les relacions jurídiques que envolten els actes del professional sanitari. Així, no pot dir-se que aquest títol té un caràcter interdisciplinari, sent considerable el plantejament transversal dels continguts i de la política educativa.

La tasca entre el professional sanitari i el pacient a l'últim temps en gran canvi que troba en el patró d'autonomia del pacient i el malalt agredit, tant pel que fa a les intervencions sanitàries com a la disponibilitat de la informació crítica, com a la participació en la investigació biomèdica, entre d'altres aspectes. A aquest canvi s'ha afegit el que la formació sanitària i jurídica i la gestió d'una major especialització, la qual cosa ha donat en la creació d'espais integrats per una sèrie de professionals, encaminats cadascun d'ells d'una concreta actuació sobre el pacient. D'altra banda, l'actualització dels serveis sanitaris com a béns de consum col·lectiu la qual cosa ha donat origen a la creació d'espais integrats per una sèrie de professionals en aquest àmbit.

La justificació de la necessitat que aquest títol sigui en l'últim temps de la Universitat de les Illes Balears (UIB) és, en primer lloc, l'absència d'una titulació similar entre l'últim de grau presentada fins al moment. D'altra banda, complementaria la producció dels estudis de grau de Ciències de la Salut (Farmàcia, Psicologia i Psicologia), oferint un nivell qualificat de formació superior a la gran majoria d'actes amb les necessitats del futur exercici professional. A més, serà de màxim interès per als professionals sanitaris no formats a la UIB que vulguin ampliar la seva formació amb un mestratge de caràcter eminentment pràctic i relacionat amb els seus treballs.

D'altra banda, la complexitat que presenta el sector biomèdic i sanitari, la rapidesa amb què evoluciona i el caràcter multidisciplinari de les seves activitats, exigeixen un perfil de juristes amb una visió global de la pràctica de les professions sanitàries.

El perfil de juristes que s'ha dissenyat per a aquest títol és el d'un jurista amb una visió global de la pràctica de les professions sanitàries.

Competències bàsiques

Apartir d'una consciència crítica en l'anàlisi de les qüestions jurídico-sanitàries; comprendre el caràcter sanitari de les qüestions jurídiques i viceversa; comprendre el marc jurídic i les implicacions ètiques i deontològiques de la pràctica de les professions sanitàries.

Competències transversals

Capacitat d'anàlisi i síntesi; capacitat crítica i autocrítica; capacitat d'opinió i de convenciment a la pràctica.

Quines competències adquiriràs?

Competències bàsiques

Apartir d'una consciència crítica en l'anàlisi de les qüestions jurídico-sanitàries; comprendre el caràcter sanitari de les qüestions jurídiques i viceversa; comprendre el marc jurídic i les implicacions ètiques i deontològiques de la pràctica de les professions sanitàries.

Competències específiques

Conèixer i comprendre la pràctica jurídica dels drets i deures dels professionals sanitaris, així com dels pacients i usuaris del sistema sanitari; conèixer i comprendre el sistema de responsabilitat del professional sanitari; conèixer i comprendre el marc jurídic i les implicacions ètiques i deontològiques de la pràctica de les professions sanitàries.

Competències transversals

Capacitat d'anàlisi i síntesi; capacitat crítica i autocrítica; capacitat d'opinió i de convenciment a la pràctica.

Estructura

Mòdul 1 (6 ECTS)	Mòdul 2 (6 ECTS)	Mòdul 3 (6 ECTS)
Dret a la salut i sistema sanitari	Ètica professional sanitària	Últim jurista del pacient
Mòdul 4 (6 ECTS)	Mòdul 5 (6 ECTS)	Mòdul 6 (6 ECTS)
La responsabilitat sanitària	El sistema de responsabilitat sanitària	Aspectes legals de la investigació biomèdica i genètica
Mòdul 7 (6 ECTS)	Mòdul 8 (6 ECTS)	
La responsabilitat sanitària	Ètica	

Quines sortides professionals tindràs?

El Màster en Dret Sanitari de la UIB garanteix una orientació professional àmplia. D'altra banda, es dirigeix a la feina pública relacionada amb la salut i amb la salut en general. El Màster té com a objectiu la formació jurídica dels professionals sanitaris, la qual cosa garanteix avui en dia poder ser un jurista en el camp de la pràctica jurídica sanitària i hospitalària, així com, a les Comissions deontològiques sanitàries, en les òrgans assistencials i en les de salut pública.

A qui s'adreça?

El títol s'adreça a persones amb titulació universitària, preuniversitària o professional relacionada amb les ciències de la salut (del Dret). És el cas d'estudiants amb títol oficial d'una universitat espanyola, podent accedir a aquest estudi si que tinguin un títol oficial de grau i els que tinguin alguna titulació universitària equivalent d'acord amb convencions ambients que permeten el reconeixement de títols propis. En el cas d'estudiants amb titulació estrangera, podent accedir a aquest estudi, si tenen un títol de grau homologat, el títol si presenten titulació que atorga el director del Centre d'Estudis de Postgrau (CEP) una vegada s'hagi comprovat la correspondència dels cursos emesos.

Es poden adreçar estudiants que no tinguin aquest títol i que per aquest tipus de serveis sanitaris en l'àmbit de la gestió, tinguin interès en adquirir els coneixements del títol propi. En aquests casos, s'inscriuran els estudiants en un curs preparatori (CP) d'aprenentatge i en el moment de la matrícula.

Dades específiques

Direcció del curs	Direcció: Cristina Gil Membrado, doctora en Dret, José M. Gómez Martínez, doctor en Medicina i Ciències Bàsiques
Nombre de places	14 places
Modalitat	Semipresencial
Durada	60 ECTS (500 hores sense presència)
Dates i horaris	15 de febrer de 2015 Inscripció: juny de 2015 Horari: els divendres de 18 a 21 hores. Ofici: Gagarin Melchor de Joverianos fins al dia 15 d'octubre.
Lloc de realització	El preu del curs és de 1.500 euros.
Preu i terminis	Es pagaran 1.500 euros en el moment de formalitzar la matrícula i els 1.000 euros restants al moment de realitzar la matrícula. Una anada en retornarà l'ingrés de la matrícula en cas de no admissió de l'alumne o no realització del curs.

Anunci

Cada alumne ha de formalitzar el Màster (que equivaldrà a 6 ECTS) amb l'obtenció d'un títol de màster oficial i reconeixement del títol de Dret Sanitari. Per a la matrícula d'últim de grau de Màster cada estudiant comptarà amb el suport d'un tutor, que serà un dels professors del Màster. El títol es presentarà online i serà definitiu davant un tribunal format per dos professors del Màster.

Form 4: Press Release

<http://www.cunoticias.com/noticiasde/curso-avanzado-tecnologico-de-analisis.php>
<http://www.comminit.com/en/node/121255/38>
<http://www.iweee.org/2010/speakers.html>
<http://instapedia.com/m/Telemedicine>
<http://en.wikipedia.org/wiki/index.html?curid=774446>
http://en.wikipedia.org/wiki/UNESCO_Chair_in_Telemedicine
http://raisingchooks.typepad.com/raising_chooks/2010/06/a-little-about-the-history-of-telemedicine.html ç
<http://www.yatedo.com/s/companyname%3A%28%28unesco%29+OR+%28telemedicine%29%29+AND+%28jobtitle%3A%28%28chair%29%29+OR+profession%3A%28%28chair%29%29%29/all>
<http://jsahealthmd.com/tag/telemedicine/>
<http://www.mmdnewswire.com/virtual-microscopy-application-ipad-34658.html>
http://www.europa-eu-un.org/articles/en/article_8653_en.htm
<http://www.reference.com/browse/telemedical>
<http://www.springerlink.com/content/687pt00001m33564/>
<http://www.springerlink.com/content/687pt00001m33564/fulltext.pdf> Translational Oncology
<http://eldigitaldecanarias.net/enviar46763.php>
<http://iphone-pc.net/tag/freetoplay>
<http://www.iweee.org/2010/speakers.html>
<http://www.eldigitaldecanarias.net/noticia46763.php>
<http://www.juventudcanaria.com/es/noticias/index.php?id=10111>
<http://www.gobiernodecanarias.org/noticias/index.jsp?module=1&page=nota.htm&id=124173>
http://www.cenetec.salud.gob.mx/descargas/comite_e-Salud/FOROjunio08.pdf
http://www.infoamerica.org/primera/guia_catedras.pdf
<http://www.cunoticias.com/noticiasde/facultad-de-medicina.php>
http://www.ull.es/viewullnew/institucional/prensa/Noticias_ULL/es/335810
<http://www.tribunadecanarias.es/index.php?name=News&file=article&sid=18918&theme=Printer>
<http://www.ull.es/modules/ullnew/view.aspx?id=257097>
<http://lavozdetenerife.com/not/23181/una-catedratica-de-la-ull-utiliza-tecnologia-de-realidad-aumentada-para-impartir-anatomia-patologica/>
http://www.ull.es/viewullnew/institucional/prensa/Noticias_ULL/es/2337324
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