
EMMIT 2010
EURO-MEDITERRANEAN
MEDICAL INFORMATICS and TELEMEDICINE
6th International Conference

September 26–28, 2010
Split (Croatia)

University of Split
School of Medicine (Medicinski Fakultet Split)
SPLIT, Šoltanska 2

Organized by
EMMIT@ssociation

In Cooperation with:
University of Split, School of Medicine
Croatian Society for Medical Informatics
@ITIM, Italian Association of Telemedicine and Medical Informatics

Under the patronage of
REPUBLIC of CROATIA, MINISTRY of SCIENCE, EDUCATION and SPORTS
MUNICIPALITY OF SPLIT
InCE - INITIATIVE FOR CENTRAL EUROPE
EUROPEAN COMMISSION
WHO - WORLD HEALTH ORGANIZATION
UNESCO - United Nations Educational, Scientific and Cultural Organization
IITM – International Institute of Tele-Medicine
REGION of MARCHE, ITALY

Final PROGRAMME

Sunday, September 26th

TUTORIALS AND TEACHERS:

9.00 – 10.30	Ontologies in Bio-Medicine	D. Pisanelli, M. Guendel
10.30 – 12.00	Web 2.0 and social health networks	V. Ilakovac, D. Pomper
12.00 – 13.30	Informatics in Neurosciences and Neuroinformatics	F. Sicurello, F. Mihanovic, Z. Dogas
14.00 – 15.30	Virtual Reality in Medicine and Surgery	L. T. De Paolis
From 14.00	PARTICIPANTS' REGISTRATION	

EMMIT 2010

18.00 – 19.30 **OPENING CEREMONY:**

Radovan Fuchs, Minister of Science, Education and Sports, Croatia (invited)
Ivo Slaus, Croatian Academy of Sciences and Arts
Eugenio Campo, Ministry of Foreign Affairs, Italy
Zoran Dogas, University of Split
Matko Marušić, Dean, School of Medicine, University of Split
Vesna Ilakovac, Chair of Croatian Society for Medical Informatics
Francesco Sicurello, EMMIT, President

20.00 **WELCOME PARTY - the Basements of Diocletian's Palace**

Monday, September 27th

9.00 – 10.45 **I Session: Information Society and eHealth,** **chairs: MOHAMED ABDALLA, ANAMARIJA MARGAN**

- Web 2.0 in the Healthcare Community**, Ennio Amori, Paride Lambertini, Angela Palese (University Hospital of Parma, Italy)
- An Interoperable Location-Aware Service Provisioning Architecture for Prescription Identification - Introductory Schema**, Olga Zlydareva (Eindhoven University of Technology, the Netherlands), Sameh Abdel-Naby (Université des Sciences et Technologies de Lille, France)
- E-Health and Quality Aspects**, Zahra'a Nouredine (Health Quality Consultant, EMMIT@ssociation, Beirut, Lebanon)
- RegPok.hr - Croatian Clinical Trials Register**; Ana Jeroncic, Ana Marusic (School of Medicine, University of Split Croatia)
- MACERTA: a proposal for telemedicine and epidemiological registries integrated with virtual biobanks in cancer diseases prevention and monitoring**; F. Sicurello (IITM, Univ. Milano Bicocca), Ida Biunno (Inst. Biomed. Techn., CNR Milan), A. Di Tommaso (Oncology Found. Catanzaro), G. Mauri (Univ. Milan Bicocca), Piermario Gerthoux (Hospital of Vimercate, MB, Italy)

10.45 **Coffee break**

11.00 – 12.45 **II Session: EPR and Hospital/Health Information Systems,** **chairs: VESNA ILAKOVAC, DOMENICO PISANELLI**

- Effectiveness of Electronic Medical Record (Gestione Informatica Prestazioni Sanitarie Individuali) at Saipem Health Service**; Frano Mika, Ronan Dalida, Sabatino De Sanctis (Saipem SpA, Italy)
- Potential of Agent Technology in the domain of Health Information Systems objective and design**, Aldo Franco Dragoni, Francesca Capriotti (Università Politecnica delle Marche, Ancona, Italy)
- Full integrated Hospital Information System - WEB 2.0**; Drazen Pomper (General hospital of Varazdin, Croatia)
- Influence of the RIS/PACS on the performances of a Radiology Department**; A. Tronchi (ASUR Marche, Zona Territoriale 10, Hosp. Camerino-MC-Italy); R. Murri (School of Science and Technology - Dept of Physics Univ. of Camerino-Italy)
- Endoscopic Imaging integration with PACS - RIS**; Angela Palese, Clausel Nsondi, Paride Lambertini, Ennio Amori (University Hospital of Parma, Italy)
- An Augmented Reality Application for the Enhancement of Surgical Decisions**; Lucio T. De Paoli, Marco Pulimeno, Giovanni Aloisio (Salento University, Lecce, Italy)

12.45 **Lunch break**

14.00 – 15.45 **III Session: Telemedicine systems, services and programs, (I)** **chairs: ALDO FRANCO DRAGONI, ANA JERONCIC**

- Introduction of Telemedicine services on my island**; Anamarija Margan (Internal Medicine Office - *Virtual Polyclinic*, Mali Losinj, The Island of Losinj, Croatia)
- Telecardiology in specific populations: QT interval monitoring among psychiatric patients**, N. Tarquinio, L. Falsetti, W. Capeci, A. Gentile, A. Balloni, A. Zoppi, M. Conio, G. Filippi, M.S. Del Prete, L. Clavelli, G. Ciotti, S. Rossini, I. Vaccarini, S. Di Stefano and Francesco Pellegrini (Hospital of Osimo - Ancona, Italy)
- Cardioversion of Atrial Fibrillation and Antiarrhythmics. Telemedicine confirms that there isn't a Bounded Link**; G. Scaffidi, G. Guerriero, F. Formica, M. Bartolo (S. Giovanni - Addolorata Hospital - Rome - Italy)
- Teleradiology and mobile radiology in practice**, I. Drnasin (Infomedica, Split, Poliklinika Vita, Sibenik, Croatia), F. Mihanovic (University of Split, Croatia)

-The application of the latest technology of telepathology which is the WSI in Cairo University in Digital Teaching & Telepathology; Essam Ayad (Italian Hospital and University of Cairo, Egypt)

-Tele Eye-Care; F. Sicurello, A. Donzelli (IITM), C. Azzolini (Univ Insubria, VA, C. Polcini, F. Semeraro (Univ. Brescia, Italy)

15.45 Coffee break

16.00 – 17.45 III Session: Telemedicine systems and programs, (II)

chairs: DRAZEN POMPER, SANA DAYA MARINI

-Trial Teleconsultation sessions on Castoro 12 in North Caspian Sea; Giorgi Kevlishvili, Frano Mika, Sabatino De Sanctis (Saipem SpA, Italy)

-Satellite-based telemedicine in remote waterlands; Hangan Laurentiu-Tony (Ovidius University of Constanta, Department of Medical Informatics and Biostatistics), Bordei Petru (Ovidius University of Constanta, School of Medicine), Grasa Catalin Nicolae (Emergency County Hospital of Constanta, 2nd Surgery Department)

-Telemedicine Service of San Giovanni-Addolorata Hospital in Rome. Analysis of 2 years of Activity (2008-2010); Giorgio Scaffidi, Michelangelo Bartolo, Gianpiero Guerrieri. F. Formica, AR Moretti (Azienda Ospedaliera S. Giovanni-Addolorata, Rome, Italy)

-DREAM Programme: use of telemedicine as a model to cooperation with Africa; G. Guerrieri(San Giovanni - Addolorata Hospital - Rome); L. Palombi and S. Mancinelli (Tor Vergata University - Rome), MC Marazzi (LUMSA University, Rome), M. Peroni (Community of S. Egidio - Rome), A. Cucita (University of Messina), P. Narciso (Spallanzani Hospital, Rome), G. M. Bernava and P. Giglio (Community of S.Egidio - Messina), M. Bartolo (San Giovanni - Addolorata Hospital - Rome. Italy)

-Telemedicine Network for Cooperative Medical Decision Making in Balkan Countries; Alessandro Taddei, Andrea Gori, Debora Mota et al (1Medical Informatics and Pediatric Department G.Pasquinucci Heart Hospital, CNR - Tuscany Region G.Monasterio Foundation - Massa)

-Telemedicine Program for the Balkan Area, Rifat Latifi (University of Arizona, Arizona Health Sciences Center, Tucson, USA) by Teleconference

19.30 Social Dinner

Tuesday, September 28th

9.00 – 10.45 IV Session: Learning, Nursing Informatics and Telecare

chairs: ANA MARUSIC, FRANO MIKA

-The power of tele-education stimulates new possibilities: Virtual mobility of Croatian medical students, Suncana Kukulja Taradi (University of Zagreb, Croatia), Zoran Dogas (University of Split, Croatia)

-EMMIT's Initiative for Training Nurses & Junior Doctors on Medical Informatics and Telemedicine in the Euro-Mediterranean Healthcare Structures; Mohamed Abdalla (Vice-President of EMMIT@ssociation, Egypt)

-Nurses' Attitudes towards the use of the BCMA System; Sana Daya Marini (American University of Beirut, Lebanon)

-Bar Coded Medication Administration System decreases ME and improves identification of the 5Rs; Sana Daya Marini (American Univ. of Beirut, Lebanon)

-Virtual Caregiver Assistant for Ambient Assisted Living; Aldo Franco Dragoni, Daniele Regno (Università Politecnica delle Marche, Ancona, Italy)

-Telemedicine allows Atrial Fibrillation Treatment at Home; Giorgio Scaffidi, Michelangelo Bartolo (San Giovanni - Addolorata Hospital, Rome, Italy)

10.45 Coffee break

11.00 – 12.45 V Session: Ontology in medicine

chairs: MICHELANGELO BARTOLO, ZORAN DOGAS

- Biomedical Ontologies: some minimal requirements, Domenico N. Pisanelli (CNR Rome, Italy)

-Informatics tools for ontologies: NeuroWeb experience in neurosciences, Michaela Guendel, Giancarlo Mauri, Alessandro Donzelli, Francesco Sicurello (IITM and University of Milan Bicocca, Italy)

-An efficient pathology-based Semantic Information Seeking system of biomedical literature, Antonio Giordano, Simone Battagliero, Gaetano Scioscia and Pietro Leo (IBM Italia S.p.A., Italy)

-Web-Based Ontologies for Breast and Lung Cancer Abdel-Badeeh M. Salem, Marco Alfonse (Faculty of Computers & Information Sciences - Computer Science Department - Ain Shams University, Cairo, Egypt)

-Comparative Analysis about two Biomedical Ontologies: "SNOMED CT" and "ROME", Aldo Franco Dragoni, Marta Gentile, Mauro Mazzieri (Università Politecnica delle Marche, Ancona, Italy)

12.45 Lunch break

14.00 – 15.45 VI Session: Decision Support Systems, Data and Text analysis,

chairs: ABDEL-BADEEH SALEM, MIRA HERCIGONJA-SZEKERES

-Textual Analysis of Good Practice Requirement of EuroRec Repository Statements, M. Hercigonja-Szekeres (Hrvatsko Zagorje Polytechnics, Krapina, Croatia), Vesna Ilakovac (University of Osijek, Croatia)

-Decision support System for Healthcare Risk Management in developing countries: case study of Cardiac

Patients in Egypt; Nevine Makram, Edward Wadid (Sadat Academy for Management Sciences, Cairo, Egypt)

-CNIPH - Health indicators integration module; Marijan Erceg, Urelija Rodin, Ranko Stevanovic, Branimir Tomic, Vlasta Decković Vukres (Croatian National Institute of Public Health, CNIPH)

-New client-server models of monitoring the health of the workers at the video terminal; S. Morelli, M. Grigioni, G. Maccioni and D. Giansanti (Dept. Technologies and Health, Ist. Superiore di Sanità, Rome, Italy)

-Web service for data analysis applications in medicine and epidemiology; M. Guendel, A. Donzelli, F. Sicurello (IITM and University of Milan Bicocca, Italy)

15.45 Prize for the best paper of young researchers sponsored by Rotary International

16.00 Poster Session

16.30 – 17.00 Closing and wrap up Session

Scientific Committee

Chairman: Francesco Sicurello (President of EMMIT@ssociation, University of Milano-Bicocca, Italy)

Co-chairs: Mohamed Abdalla (Vice-President of EMMIT@ssociation), Zoran Dogas (University of Split), Aldo Franco Dragoni ("Politecnica delle Marche" University), Anamarija Margan (Virtual Polyclinic, Mali Losinj, The Island of Losinj, Croatia)

Mohamed Abdalla (Egypt)
M. Salem Abdel-Badeeh (Egypt)
Ismail Alaoui, WHO EMRO (Morocco)
Najeeb Al-Shorbaji (WHO, Geneva)
Tayseer Al-Shanableh (Turkey)
Demetrios Andreopoulos (Cyprus)
Cemal Ardil (Turkey)
Danika Attard (Malta)
Essam Ayad (Egypt)
Jadranka Bozиков (Croatia)
Manana Beruchashvili (Georgia)
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Habil Elek Dinya (Hungary)
Angela Di Tommaso (Italy)
Zoran Dogas (Croatia)
Aldo Franco Dragoni (Italy)
Ahmed I. Elbousify (Libya)
Zouheir El Imad (Lebanon)

Aziz El Matri (Tunisia)
Wojciech Glinkowski (Poland)
Riadh Gouider (Tunisia)
Georgi Grasczew (Germany)
Johnny Heubri (Lebanon)
Bajram Hysa (Albania)
Vesna Ilakovac (Croatia)
Novak Jaucokic (Montenegro)
Bekir Karlik (Turkey)
Okba Kazar (Algeria)
Janis Keklikoglou (Greece)
Josipa Kern (Croatia)
Hoda Khachan Abi Khalil (Lebanon)
Anamarija Margan (Croatia)
Sana Daya Marini (Lebanon)
Izet Masic (Bosnia - Herzegovina)
Polina Mihova (Bulgaria)
Frano Mika (Croatia)

Ioana Moisil (Romania)
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Nikolay Tverdokhlebov (Russia)
Jan Vejvalka (Czech Republic)
Anton Vladzimirsky (Ukraine)
Mohamed Zerroug (Algeria)
Alexey Zhuchkov (Russia)

Organizing Committee

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For information about Social Events and logistics aspects (accommodation, travelling, ...), please contact in Split:

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