

ICIMTH 2017
7th-9th July, 2017
Hotel Divani Palace Acropolis, Athens, Greece

DAY 1: Friday, 7 July, 2017	
ROOM "Erechthion"	
10:30 - 17:30	Conference Registration
11:00 - 12:00	Tutorial I Transdisciplinary Creativity and Medical Decision Support by The Extended Elementary Pragmatic Model (E2PM) by <i>Rodolfo FIORINI</i>
12:00 - 13:00	Tutorial II Recent Trends in Biomedical Decision Support and Problem-Solving by <i>Rodolfo FIORINI</i>
13:00 - 14:00	Tutorial III Markov Modelling by <i>Wendelin SCHRAMM</i>
14:00 - 15:00	Workshop On Writing for Publication and on Good Research in Biomedical and Health Informatics by <i>Reinhold HAUX</i>
15:00	Poster Session Opens *
15:00 - 15:30	Light Lunch

	ROOM "Erechthion"
	Session 1
	<i>Chair: Athina Kalokairinou</i>
	Characteristics of the Highest Users of Emergency Services in Veterans Affairs Hospitals: Homeless and Non-Homeless <i>Adi V. GUNDLAPALLI, Audrey L. JONES, Andrew REDD, Ying SUO, Warren B. P. PETTEY, April MOHANTY, Emily BRIGNONE, Lori GAWRON, Megan VANNEMAN, Matthew H. SAMORE and Jamison D. FARGO</i>
15:30 - 16:30	Substitution of Assisted Living Services by Assistive Technology - Experts Opinions and Technical Feasibility <i>Jonas SCHWARTZE, Arianit PREKAZI, Harald SCHROM and Michael MARSCHOLLEK</i>
	Distance to Veterans Administration Medical Centers as a Barrier to Specialty Care for Homeless Women Veterans <i>Lori M. GAWRON, Warren B. P. PETTEY, Andrew M. REDD, Ying SUO and Adi V. GUNDLAPALLI</i>
	On Methodological and Technological Challenges for Proactive Health Management in Smart Homes <i>Klaus-Hendrik WOLF, Tobias DEHLING, Reinhold HAUX, Bernhard SICK, Ali SUNYAEV and Sven TOMFORDE</i>
16:30 - 17:00	Coffee Break
	ROOM "Erechthion"
17:00 - 17:15	Opening Session by Arie Hasman, Chair of SPC and John Mantas, Chair of LOC
	ROOM "Erechthion"
	Keynote 1
17:15 - 18:00	Bigdata in Health: Hype, Hopes and Challenges Professor Christian LOVIS President of EFMI <i>Chair: John Mantas</i>
18:15	Social Event

DAY 2: Saturday, 8 July, 2017

	ROOM "Erechthion"	ROOM "Aristotelis A"
	Session 2	Session 3
	<i>Chair: Patrick Weber</i>	<i>Chair: Kaija Saranto</i>
09:30 - 11:00	<p align="center">Telehealth and the Re-design of Emergency Medical Services <i>Richard W. JONES, George DESPOTOU and Theodoros N. ARVANITIS</i></p>	<p align="center">Pharmacovigilance Mobile Tool Design in the Field of Arthroplasty <i>Hanne ÅSERØD and Ankica BABIC</i></p>
	<p align="center">Big Data, Big Problems: A Healthcare Perspective <i>Mowafa S. HOUSEH, Bakheet ALDOSSARI, Abdullah ALANAZI, Andre W. KUSHNIRUK and Elizabeth M. BORYCKI</i></p>	<p align="center">Usability in Mobile Electronic Data Collection Tools: form developers' views <i>Alice MUGISHA, Ankica BABIC, Peter WAKHOLI, Victoria NANKABIRWA and Thorkild TYLLESKAR</i></p>
	<p align="center">Using Structured and Unstructured Data to Refine Estimates of Military Sexual Trauma Status among US Military Veterans <i>Adi V. GUNDLAPALLI, Emily BRIGNONE, Guy DIVITA, Audrey L. JONES, Andrew REDD, Ying SUO, Warren B. P. PETTEY, April MOHANTY, Lori GAWRON, Rebecca BLAIS, Matthew H. SAMORE and Jamison D. FARGO</i></p>	<p align="center">Intelligent Phonocardiography for Screening Ventricular Septal Defect using Time Growing Neural Network <i>Arash GHAREHBAGHI, Amir A. SEPEHRI, Maria LINDÉN and Ankica BABIC</i></p>
	<p align="center">Evaluation of Standards for Access Control Enabling PHR-S Federation <i>Alexander MENSE, Philipp URBAUER and Stefan SAUERMAN</i></p>	<p align="center">Critical Issues in Evaluating National-Level Health Data Warehouses in LMICs: Kenya Case Study <i>Milka B. GESICHO, Ankica BABIC and Martin C. WERE</i></p>
	<p align="center">Cybersecurity and the Medical Device Product Development Lifecycle <i>Richard W. JONES and Konstantinos KATZIS</i></p>	<p align="center">Associations between Hearing Performance and Physiological Measures - an Overview and Outlook <i>Lukas H. B. TIETZ, Panagiotis KATRAKAZAS, Ariane LAPLANTE-LÉVESQUE, Niels Henrik PONTOPPIDAN, Nina KOLOUTSOU, George SPANOUDAKIS and Dimitrios KOUTSOURIS</i></p>
	<p align="center">Comparison of Grouping Methods for Template Extraction from VA Medical Record Text <i>Andrew M. REDD, Adi V. GUNDLAPALLI, Guy DIVITA, Le-Thuy TRAN, Warren B. P. PETTEY and Matthew H. SAMORE</i></p>	<p align="center">GIS Mapping and Monitoring of Health Problems among the Elderly <i>Zacharias DERMATIS, Nikolaos TSALOUKIDIS, Georgia ZACHAROPOULOU and Athina LAZAKIDOU</i></p>
11:00 - 11:30	Coffee Break	

ROOM "Erechthion"		
11:30 - 12:15	Keynote 2	
	<p>On Informatics Diagnostics and Informatics Therapeutics - Good Medical Informatics Research is Needed Here</p> <p style="text-align: center;">Professor Reinhold HAUX</p> <p>University of Braunschweig - Institute of Technology and of Hannover Medical School, Germany</p> <p style="text-align: center;"><i>Chair: Arie Hasman</i></p>	
	ROOM "Erechthion"	ROOM "Aristotelis A"
12:15 - 13:45	Session 4	Session 5
	<i>Chair: Mowafa Househ</i>	<i>Chair: Marianna Diomidous</i>
	<p>The Guiding Role of a Paradigm in Informatics Education and Research</p> <p style="text-align: center;"><i>Kaija SARANTO, Ulla-Mari KINNUNEN, Eija KIVEKÄS, Juhamatti HUUSKO and Sirpa KUUSISTO-NIEMI</i></p>	<p>Assessing Dental Information Requirements of Electronic Health Records of Zahedan Dental School</p> <p style="text-align: center;"><i>Farahnaz SADOUGHI, Aida SARSARSHAHI, Leila ERFANNIA and Elnaz YAGHOUBI</i></p>
	<p>Healthy, Sick, Dead – An Educational Blueprint To State Transition Disease Modelling</p> <p style="text-align: center;"><i>Wendelin SCHRAMM, Johannes RICKMANN and Fabian SAILER</i></p>	<p>The EVOTION Decision Support System: Utilizing it for Public Health Policy-making in Hearing Loss</p> <p style="text-align: center;"><i>Panagiotis KATRAKAZAS, Lyubov TRENKOVA, Josip MILAS, Dario BRDARIC and Dimitris KOUTSOURIS</i></p>
	<p>Validity of Scientometric Analysis of Medical Research Output</p> <p style="text-align: center;"><i>Izet MASIC, Edin BEGIC and Nedim BEGIC</i></p>	<p>Evaluation of an Integrated Health Information System (HIS) in a Public Hospital in Cyprus: a Pilot Study</p> <p style="text-align: center;"><i>Antonis STYLIANIDES, John MANTAS, Zoe ROUPA and Edna N. YAMASAKI</i></p>
	<p>Health Informatics and Wellbeing by Enhanced Knowledge Formalisation</p> <p style="text-align: center;"><i>Rodolfo A. FIORINI</i></p>	<p>Clinical Decision Support in GPIT Certified Practice Management Systems</p> <p style="text-align: center;"><i>Fayz ALSHEHRI</i></p>
	<p>Implications and Modelling of Data Quality on Confidence of Clinical Decision Support: a Conceptual Framework</p> <p style="text-align: center;"><i>George DESPOTOU, Richard W. JONES, Konstantinos KATZIS, Eda BILICI, Zhao LEI, Sarah LIM CHOI KEUNG and Theodoros N. ARVANITIS</i></p>	<p>A Suggested Model for Building Robust Biomedical Implants Registries</p> <p style="text-align: center;"><i>Bader ALOUFI, Fahad ALSHAGATHRAH, Mowafa HOUSEH</i></p>
	<p>The Artificial Pancreas: Reducing Safety Risk via Intra-Peritoneal Insulin delivery</p> <p style="text-align: center;"><i>Richard W. JONES, Francesco GIANNI, Georgios DESPOTOU and Konstantinos KATZIS</i></p>	<p>Smart Telecare Technology in Health and Social Primary Care Management for Personalized Approach in Greece</p> <p style="text-align: center;"><i>Danae ALEXANDRI and Maria TSIRINTANI</i></p>
13:45 - 14:30	Lunch Break	

	ROOM "Erechthion"	ROOM "Aristotelis A"
14:30 - 16:00	Session 6	Pitch Session
	<i>Chair: Christian Lovis</i>	<i>Chairs: Maria Tsirintani and Wendelin Schramm</i>
	Totally Connected Healthcare with TV White Spaces <i>Konstantinos KATZIS, Richard W. JONES and Georgios DESPOTOU</i>	Poster Presentations *
	Exploring Oral Cancer Patients' Preference in Medical Decision Making and Quality of Life <i>Sun-Long CHENG, Hsien-Hua LIAO, Pei-Wei SHUENG, Hsi-Chieh LEE, Chalong CHEEWAKRIANGKRAI and Chi-Chang CHANG</i>	
	Specific Characteristics in Digital Assessment of Conjunctival Redness <i>Anatoli ASTVATSATOUROV and Ralph MÖSGES</i>	
	Juggling Doctor and Patient Needs in Mental Health Record Design <i>Anja PERLICH and Christoph MEINEL</i>	
	Real-Time Process Analytics in Emergency Healthcare <i>Vassiliki KOUFI, Flora MALAMATENIOU, Adrianna PRENTZA and George VASSILACOPOULOS</i>	
CFD Modelling of Local Hemodynamics in Intracranial Aneurysms Harboring Arterial Branches <i>Vladimir KRYLOV, Elena GRIGORYEVA, Daria DOLOTOVA, Evgenia BLAGOSKLONOVA and Andrey GAVRILOV</i>		
16:00 - 16:30	Coffee Break	
	ROOM "Erechthion"	
16:30 - 17:15	Keynote 3	
	Digital Healthcare and Biomedical Informatics: the pathway to personalised medicine Professor Theodoros N. ARVANITIS Chair in e-Health Innovation and Head of Research, Institute of Digital Healthcare, WMG, University of Warwick, United Kingdom <i>Chair: Arie Hasman</i>	
	ROOM "Erechthion"	
17:15 - 18:00	Special Session CrowdHEALTH: Holistic Health Records and Big Data Analytics for Health Policy Making and Personalized Health <i>Lydia MONTANDON and Dimosthenis KYRIAZIS</i> <i>Chair: John Mantas</i>	
18:30	Gala Dinner	

DAY 3: Sunday, 9 July, 2017

ROOM "Erechthion"		
10:00 - 10:45	Keynote 4	
	Find Your Passion, Lead with Purpose: A Health Informaticians' Guide Professor Mowafa HOUSEH King Saud Bin Abdulaziz University for Health Sciences, Saudi Arabia <i>Chair: John Mantas</i>	
ROOM "Erechthion"		ROOM "Aristotelis A"
10:45 - 12:00	Session 7	Panel Session
	<i>Chair: Mowafa Househ</i>	<i>Chair: Marianna Diomidous</i>
	Plagiarism Detection by Online Solutions <i>Izet MASIC, Edin BEGIC and Amra DOBRACA</i>	Education, Management, Economics, Health Policy, and Technology Evaluation in Healthcare <i>Kostis CHARDALIAS, Andrianna MANGITA, Panagiotis KOUTONIAS and Charalambos ANDRIANOPOULOS</i>
	Use of the DPP4BIT System for the Management of Hospital Medical Equipment <i>Dimitrios TSOROMOKOS, Nikolaos TSALOUKIDIS, Dimitrios ZARAKOVITIS and Athina LAZAKIDOU</i>	
	Managing Information More Effectively in Health Informatics Applications <i>Rodolfo A. FIORINI</i>	
	A Review of Current Patient Matching Techniques <i>Philomena WARUHARI, Ankica BABIC, Lawrence NDERU and Martin C. WERE</i>	
Effect of Social Media in a mHealth Application <i>Trond TUFTE and Ankica BABIC</i>		
12:00 - 12:30	Coffee Break	

	ROOM "Erechthion"	ROOM "Aristotelis A"
	Session 8	Session 9
	<i>Chair: Patrick Weber</i>	<i>Chair: Izet Mazic</i>
	Residence as a Diagnostic and Therapeutic Area – a Smart Home Approach <i>Corinna MIELKE, Thorsten VOSS and Reinhold HAUX</i>	Medical Informatics Idle YouTube Potential <i>Anežka HUCÍKOVÁ and Ankica BABIC</i>
	Decisional Conflict in Work-related Hand Trauma Patients <i>Hsien-Hua LIAO, Sun-Long CHENG, Pei-Wei SHUENG, Hsi-Chieh LEE, Chalong CHEEWAKRIANGKRAI and Chi-Chang CHANG</i>	Generics Pricing: The Greek Paradox <i>Ioannis KARAFYLLIS and Lamprini VARITI</i>
	Creating XML / PHP Interface for BAN Interoperability <i>Vasileios FRAGKOS, Konstantinos KATZIS and Georgios DESPOTOU</i>	Continuous Education in Community Nursing with the Use of Health Informatics <i>Kostis CHARDALIAS, Andrianna MAGNITA, Charalampos ANDRIANOPOULOS, Panagiotis KOUTONIAS, Antonis KEFALIAKOS and Marianna DIOMIDOUS</i>
12:30 - 14:00	Actions to Empower Digital Competences in Healthcare Workforce: A Qualitative Approach <i>Stathis Th. KONSTANTINIDIS, Sisi LI, Vicente TRAVER, Nabil ZARY and Panagiotis D. BAMIDIS</i>	Designing a Safety Reporting Smartphone Application to Improve Patient Safety After Total Hip Arthroplasty <i>Ole Andreas KRUMSVIK and Ankica BABIC</i>
	Geographic Mapping of Use and Knowledge of the Existence of Projects or ICT-based Devices in Dementia Care <i>Vassiliki ZACHAROPOULOU, Dimitrios ZARAKOVITIS, Georgia ZACHAROPOULOU, Nikolaos TSALOUKIDIS and Athina LAZAKIDOU</i>	Proposal for the Implementation of Quality Standards in a Medical Unit through Integration to the Hospital Information System <i>Irene KARAMPELA, Evangelos TZORTZIS, Ioanna KEFALA, Eleutheria ZYGOURA, Vasiliki MANTZANA and Apostolos ARMAGANIDIS</i>
	Semantic Web, Reusable Learning Objects, Personal Learning Networks in Health: Key Pieces for Digital Health Literacy <i>Stathis Th. KONSTANTINIDIS, Heather WHARRAD, Richard WINDLE and Panagiotis D. BAMIDIS</i>	Relational Algebra in Spatial Decision Support Systems Ontologies <i>Marianna DIOMIDOUS, Kostis CHARDALIAS, Panagiotis KOUTONIAS, Adrianna MAGNITA, Charalampos ANDRIANOPOULOS, Stelios ZIMERAS and Enkeleint Aggelos MECHILI</i>
14:00	Poster Session Closes *	
14:00 - 14:30	Closing Ceremony LOC and SPC Chairs Addresses Best Paper, Best Poster, and Best Student Awards	
14:30 - 15:30	Lunch	

POSTERS

Posters will be available all the time during the conference. However, walking around poster sessions are recommended during coffee breaks. The presenters of posters have to be available at those times to present their posters. The Presentation of the Posters at Pitch Session is optional.

Saturday, 8 July, 2017 14:30 - 16:00	* Pitch Session Presentations - "Aristotelis A" DAY 2: Saturday, 8 July, 2017 <i>Chairs: Maria Tsirintani and Wendelin Schramm</i>
	Can you Sign your Turn for me? <i>Karina LEBEL, Hung NGUYEN, Christian DUVAL, Réjean PLAMONDON and Patrick BOISSY</i>
	Mobile Application in Individual Pharmacological Approach to the Patient <i>Izet MASIC, Edin BEGIC and Amra DOBRACA</i>
	Accuracy of Inertial Sensor in Detecting and Segmenting Daily Living Activities in People with Parkinson's Disease <i>Christian DUVAL, Hung NGUYEN, Karina LEBEL, Sarah BOGARD, Etienne GOUBAULT, QPN Clinicians and Patrick BOISSY</i>
	Phonocardiography – Additional Tool for Auscultation – Software Solution <i>Izet MASIC, Edin BEGIC and Zijo BEGIC</i>
	The Evaluation of Websites of Oral Health Care Institutions in Turkey <i>Busra KOPMAZ, Leyla KOKSAL, Pinar KILIC AKSU and Gonca MUMCU</i>
	Development of a Website for the Support of Patients with Systemic Autoimmune Diseases Associated Lung Disease <i>Irene KARAMPELA, Evangelos TZORTZIS, Eleutheria ZYGOURA, Maria DELI and Marianna DIOMIDOUS</i>
	Information Security and Patient Privacy in the Perspective of Computer Engineering Students <i>Esra SEVIMLI, Elif Naz ALTINGOZ, Melek SARSILMAZ, Nur SISMAN KITAPCI, Okan Cem KITAPCI, Leyla KOKSAL and Gonca MUMCU</i>
	Using Inertial Sensor to Evaluate Movement Quality in People with Parkinson's Disease in a Simulated Living Environment <i>Hung NGUYEN, Christian DUVAL, Karina LEBEL, Sarah BOGARD, Etienne GOUBAULT, QPN Clinicians and Patrick BOISSY</i>
	The Role of Internet in Access to Health Information <i>Pinar EKIZ, Suzan TASCI, Burcu TOPRAK, Tutku EKIZ, Okan Cem KITAPCI, Nur SISMAN KITAPCI, Pinar KILIC AKSU, R. Ozgur CATAR, Leyla KOKSAL and Gonca MUMCU</i>
	Activity and Mobility Monitoring with Wearable Sensors for the Study of the Lifespace of Older Adults <i>Patrick BOISSY, Margaux BLAMOUTIER, Karina LEBEL and Christian DUVAL</i>
	The Development of a Web Platform for Second Opinion of Medical Imaging Examinations <i>Polytimi KYDONIADI and John MANTAS</i>
	The Impact of Central Public Tenders on Medical Products' Price Reduction <i>Maria BOURDANIOTI, Ioannis KARAFYLLIS and Grigorios CHONDROKOUKIS</i>
	Security of Personal Health Information in the Era of Big Data: A Literature Review <i>Sophie SARAF and John MANTAS</i>