

- 12:30 Lunch
- 14:00 IMAGE PROCESSING AND VISUALIZATION
Moderators: P.M.A. Van Ooijen (NL)
- 14:00 Invited lecture
Image processing: in neuroimaging
J. Klein/DE
Jan.Klein@mevis.fraunhofer.de
- 14:30 Segmentation of the pelvic structures on the CT images
M. Cichocka (PL)
Dept. Of Radiology, Jagiellonian University Medical College, Kraków, Poland
mcichocka1989@gmail.com
- 14:45 Intra-prosthetic breast MR-guided virtual navigation: a new additional tool for evaluating silicone breast implants
M. Telegrafo, M. Moschetta, L. Rella, A. Scardapane, Amato A.S. Ianora, G. Angelelli
DIM - Section of Diagnostic Imaging – Univ. of Bari Medical School, Italy
mikitele@hotmail.com
- 15:00 Navigation in CT/ultrasound image alignment
B.Pyciński, J. Juszczak, E. Pietka
Silesian
University of Technology, Faculty of Biomedical Engineering, Gliwice, Poland
- 15:15 The Kinect-OR an application for touchless control of a medical image visualization in Operating Room
T. Miścior, W. Glinkowski
Department of Orthopaedics and Traumatology of Locomotor System, Center of Excellence "TeleOrto", Medical University of Warsaw, Lindleya 4, Warszawa, 02-005, Poland
The Baby Jesus Clinical Hospital, Warsaw, Poland
w.glinkowski@gmail.com
- 15:30 Performance Evaluation of Gesture Based Selection Strategies using Kinect
S. Stuy, W. Jorritsma, P.M.A. van Ooijen
University of Groningen, University Medical Center Groningen Dept. of Radiology Groningen, The Netherlands - p.m.a.van.ooijen@umcg.nl
- 16:00 Closing remarks

Registration

On line registrations are available at the following web site: www.eusomii2014.org

Registration fee EuSoMII members: € 50,00

Registration fee non EuSoMII members: € 160,00

On site registration opens on 24th September at 15:00

Congress Venue

Nalęcz Institute of Biocybernetics and Biomedical Engineering

Ks. Trojdena 4 Str. - Warsaw 02-109 - POLAND

European Society of Medical Imaging Informatics (EuSoMII)

President

Emanuele Neri (IT)

Past President

Osman Ratib (CH)

Secretary

Daniele Regge (IT)

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Josep Fernandez Bayo (ES)

Contact Information: Mr. Arnold Stipsits

EuSoMII Head Office (@European Society of Radiology) - Neutorgasse 9/6, 1010 - Vienna - AUSTRIA

phone: 0043-1-533 40 64 - 10; fax: 0043-1-535 70 37, arnold.stipsits@myesr.org

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EUSoMII

2014

September 24 -26, 2014

Warsaw, Poland

President,
Emanuele Neri

Co-chair,
Wojciech Glinkowski

Program

Wednesday September 24, 2014

15:30 - 16:00 Joint session - EuSoMII meets the International Society for Telemedicine & eHealth

Opening session

17:00 - 18:00 Welcome address
President of EuSoMII - *E. Neri (IT)*

Co-Chair of the Congress and President of Polish Society of Telemedicine - *W. Glinkowski (PL)*

European Society of Radiology (ESR) - *L. Bonomo (IT)*

Polish Society of Radiology - *J. Walecki (PL)*

Opening invited lecture

Challenges of imaging informatics - *G. Frija (FR)*

Social Event

18:10 Musical entertainment

18:30 Welcome Cocktail

Thursday September 25, 2014

08:30 - 10:30 SESSION: BIG DATA MANAGEMENT/ BIOBANKS/ PERSONALIZED MEDICINE
Moderators: G. Frija (FR), H. Lemke (DE)

08:30 Big Data in Radiology - *O. Ratib (CH)*

09:00 Imaging Biobanks - *A. Alberich (ES)*

09:30 Research database of oncology medical image - *P. T. Looney (UK)*

10:00 Biomarkers and PACS Ontologies - *B. Gibaud (FR)*

10:30 Break

11:00 PACS - REPORTING - MONITORING
Moderator: J. Fernandez-Bayo' (ES)

11:00 Invited lecture
Structured reporting for dummies - *J. Bosmans /BE*

11:15 Structured Reporting: development and implementation of abdominal imaging templates in the framework of the RSNA/ESR Structured Reporting Initiative
P. Scalise, D.L. Lauretti, A. Mantarro, L. Faggioni, E. Neri
Diagnostic and Interventional Radiology, Univ. of Pisa, Italy - *scalisepl@gmail.com*

11:30 Storing Breast Tomosynthesis Studies on the Corporate PACS - *Fernandez-Bayo' Josep (ES)*
UDIAT. Parc Taulí nº1 08208 Sabadell, Spain - *JFernandezB@tauli.cat*

11:45 Planning the Adoption of a CPOE - *G.M. Zaccaria1, Samanta Rosati2, Maddalena Zema2, Gabriella Balestra2*
Oncology Department, Città della Salute e delle Scienza di Torino, Italy1 - Biolab, Department of Electronics and Telecommunications, Politecnico di Torino, Italy2
gabriella.balestra@polito.it

12:00 Invited lecture
Monitoring the patient dose - *A. Trianni (IT)*

12:15 Retrospective analysis of pediatric radiation dose
G. Imbarlina, L. Faggioni, F. Paolicchi, E. Neri, D. Caramella
Diagnostic and Interventional Radiology, Univ. of Pisa, Italy - *giuseppe.imbarlina@for.unipi.it*

12:30 Software management of CT contrast medium dose
D.L. Lauretti, A. Molinari, P. Scalise, A. Mantarro, E. Neri, D. Caramella
Diagnostic and Interventional Radiology, Univ. of Pisa, Italy - *darioluca.lauretti@gmail.com*

13:00 - 14:00 BAYER LUNCH SYMPOSIUM

14:30 TELEMEDICINE/TELERADIOLOGY - IMAGE SHARING
Moderator: J. Walecki (PL)

14:30 Invited lecture
Comparison EU vs USA teleradiology - *E. Ranschaert (BE)*

15:00 Invited lecture
Teleradiology in Italy: results of an online survey - *F. Coppola, E. Neri, D. Regge (IT)*
Radiology Informatics Committee, Italian Society of Radiology (SIRM)
francesca.coppola@aosp.bo.it

15:30 Teleradiology based CT colonography to screen a population group of a remote island; at average risk for colorectal cancer. - *P. Lefere*
Virtual Colonoscopy Teaching Centre, Roselaare, BE - *radiologie@skynet.be*

15:45 Cross-Enterprise Document Sharing (XDS) and Radiology
F.H. Barneveld Binkhuysen, E.R., Ranschaert, P.R., Algra
Disclosure: FH Barneveld Binkhuysen is member of the supervisory board of Forecare Ltd, Zeist Netherlands.; FH Barneveld Binkhuysen, PR Algra en ER Ranschaert are member of the Medical Advisory Board of Diagnose.me, Alkmaar Netherlands - *fb@imatel.nl*

16:00 Cost-efficiency analysis of XDS for a University Medical Center
P. M.A. van Ooijen, E. Lugtenberg, K.Y.E. Aryanto
University of Groningen, University Medical Center Groningen, Dept. Of Radiology, Groningen, The Netherlands - *p.m.a.van.ooijen@umcg.nl*

16:30 EuSoMII General Assembly

20:00 EuSoMII Social event

Friday September 26, 2014

08:30 COMPUTER AIDED DIAGNOSIS/QUANTITATIVE IMAGING
Moderator: E. Pietka (PL) - D. Regge (IT)

08:30 Computed Score in Idiopathic Pulmonary Fibrosis: Comparison with Functional Tests and HRCT Visual Scores - *F. Lassandro*
Monaldi Hospital, Napoli (IT) - *f.lassandro@gmail.com*

08:45 A fully automatic Computer Aided Diagnosis system for prostate cancer detection using multi-parametric magnetic resonance imaging.
V. Giannini1, A. Vignati1, S. Mazzetti1, F. Russo1, F. Rossi1, M. Stasi2, D. Regge1.
Radiology Unit, IRCC Candiolo, Italy1
Physics Unit, IRCC Candiolo, Italy2 - *valentina.giannini@gmail.com*

09:00 Prostate cancer aggressiveness: new potential biomarkers from texture analysis of T2-weighted Magnetic Resonance Imaging.
A. Vignati, S. Mazzetti, V. Giannini, F. Rossi, F. Russo, D. Regge
Radiology Unit, Candiolo Cancer Institute – FPO, IRCCS, Candiolo, Italy - *anna.vignati@ircc.it*

09:15 Does digital image enhancement facilitate semi-automated fracture assessment? CT scout-based inter- and intra-rater reliability study.
J. Narloch, W. Glinkowski
Department of Orthopaedics and Traumatology of Locomotor System, Center of Excellence "TeleOrto", Medical University of Warsaw, Lindleya 4, Warszawa, 02-005, Poland
The Baby Jesus Clinical Hospital, Warsaw, Poland - *w.glinkowski@gmail.com*

09:30 The determination of three-dimensional line of spinous processes based on merged data from an optical and X-ray images
S. Paško, W. Glinkowski
Department of Orthopaedics and Traumatology of Locomotor System, Center of Excellence "TeleOrto", Medical University of Warsaw, Lindleya 4, Warszawa, 02-005, Poland
The Baby Jesus Clinical Hospital, Warsaw, Poland - *w.glinkowski@gmail.com*

09:45 Vessel probe reconstructions and 3D analysis software in the CT characterization of incidentally detected breast lesions
M. Moschetta, M. Telegrafo, A. Scardapane, V. Lorusso, L. Rella, A. A. Stabile Ianora, G. Angelelli
DIM - Section of Diagnostic Imaging – Univ. of Bari Medical School, Italy - *marco.moschetta@gmail.com*

10:00 RESEARCH PERSPECTIVES IN HORIZON 2020
Moderator: E. Neri (IT)

10:00 Horizon 2020 - Societal Challenges: "Health, demographic change and well-being."
E. Szkiladz, J. Niedzialek
IPPT PAN, Health NCP in Poland - *ewa.szkiladz@kpk.gov.pl*

10:15 Horizon 2020 - The EU Framework Programme for Research and Innovation
E. Szkiladz, J. Niedzialek
IPPT PAN, Health NCP in Poland - *ewa.szkiladz@kpk.gov.pl*

10:30 Break

11:00 E-LEARNING / TABLETS
Moderator: S. Morozov (RU) - P. Pokieser (AT)

11:00 Past, Present and Future of E-learning in South African Medical Education System.
L. Banach
Pathology Department, Faculty of Health Sciences
Walter Sisulu University, Nelson Mandela Campus
Mthatha, Eastern Cape, South Africa - *lechbanach@gmail.com*

11:15 Interacting with Anatomy Books using Augmented Reality - A Pilot Study
D. Sturing, P.M.A. van Ooijen
Dept. of Radiology, University Medical Center, Univ. of Groningen.
The Netherlands - *p.m.a.van.ooijen@umcg.nl*

11:30 I2Vote 2.0 - An Image-based Voting System in a Bring Your Own Device Environment
J.T. Prins, W. Jorritsma, P.M.A. Van Ooijen
Dept. of Radiology, University Medical Center, Univ. of Groningen.
The Netherlands - *p.m.a.van.ooijen@umcg.nl*

11:45 iPad-based primary 2D reading of CT angiography examinations of patients with suspected acute gastrointestinal bleeding: preliminary experience.
L. Faggioni, P. Scalise, A. Mantarro, I. Bargellini, G. D'ippolito, E. Neri, D. Caramella, C. Bartolozzi*
Diagnostic and Interventional Radiology, Univ. of Pisa. Italy - *Department of Imaging Diagnosis, Federal University of Sao Paulo. Brazil - *lfaggioni@sirm.org*

12:00 Touch-based interaction techniques for a radiological image-based audience response system
W. Jorritsma, J.T. Prins, P.M.A. van Ooijen
Dept. of Radiology, University Medical Center, Univ. of Groningen.
The Netherlands - *p.m.a.van.ooijen@umcg.nl*