

CONFERENCE SESSIONS > Participants can choose one workshop from each session.

SATURDAY

SUNDAY

Session A

1115-1215

Theme: Assessment
Real Time Performance Metrics, Tim Antonius - University of Nijmegen, The Netherlands

Session B

1315-1415

Theme: Undergraduate Education
Part I: Using The HPS to Make Complex Physiology Applicable in Clinical Practice, Lex van Loon - University of Twente, The Netherlands
Part II: Wireless Simulators, Alin Schaumberg - University of Gießen, Germany

Session C

1430-1530

Theme: Obstetrics
Part I: High Fidelity Delivery Simulator, Diogo Ayres de Campos - University of Porto, Portugal
Part II: Assessing the Effectiveness of a Simulation Course for Midwife Students, Eszter Borjan - Semmelweis University Budapest, Hungary

Session D

0915-1015

Theme: Nursing
Part I: Simulation in Nurse Education: Nurse Educator Perceptions and Experiences, Stella Whitley - Glyndwr University, UK
Part II: The Practice of Simulation: A Contribution to Nursing Education, Filipa Veludo - The Catholic University of Portugal, Lisbon

Session E

1045-1145

Theme: Human Factors
Part I: Multidisciplinary Team (MDT) Training for Obstetric Emergency with Trauma, James Wilson - Lancashire Simulation Centre (LTHTR), UK
Part II: J-MANS - Our Experience in Creating a New Joint Training Course, Ai-shi Lim - Sussex and Surrey NHS Trust, UK

Theme: Learning Management

Does METI Learning Space Offer Enough Space for Learning? Paul van Katwijk - University of Twente, The Netherlands

Theme: Virtual Reality

Point of Care Ultrasound: Technology Spreading Faster than Expertise? Robert Amyot - University of Montreal, CAE Healthcare

Theme: Debriefing

Matrix System Marking in Simulation Based Medical Education - The Basics, James Wilson - Lancashire Simulation Centre (LTHTR), UK

Room available for meetings, book at registration.

Theme: Virtual Reality

Endoscopy VR — the Simulator for Bronchoscopy and the Endoscopy of Upper and Lower GI Tract, Friedrich Gauper - CAE Healthcare

Theme: Virtual Reality

Part I: Simulation in Cardiology, Wolfram Voelker - University of Würzburg, Germany

Part II: Laparoscopy Simulation, Jörg Beardi - Schön Klinik Neustadt, "Germany"

Theme: Special Interest Groups

Simulation in the Netherlands: Are We Stuck In The Middle? Chaired by Marco Kuster and Chris Caporali

(Session in Dutch)

Theme: Modelling

Innovative Add-on for Neuromuscular Monitoring Using METIman, Nuno Freitas - MEDSIMLAB, Portugal

Theme: Center Operations

Part I: CAE Healthcare Integrated Simulation Center, Pedro Ramos - Madeira Clinical Simulation Center, Portugal

Part II: Alternative to a Full Immersion Simulation Suite, Phani Kiran - Yajamanyam - North Middlesex Hospital, UK

Theme: Modelling

Part I: Simulator Fidelity and Model Validity, Willem van Meurs - CAE Healthcare

Part II: Neonatal Circulation Modeling, Tim Antonius - University of Nijmegen, The Netherlands

Theme: Special Interest Groups

Simulation in der Notfallmedizin Wie geht es weiter? Chaired by Stefan Mönk, Ronny Schürer (Session in German)

Theme: Assessment

Data and Statistical Output from Simulation Sessions, James Wilson - Lancashire Simulation Centre (LTHTR), UK

Theme: Virtual Reality

Augmented Reality: The Haptica Simulator, Fiona Slevin - CAE Healthcare

Theme: Modelling

Design of Medical Simulators, Willem van Meurs - CAE Healthcare

Theme: Special Interest Groups

Healthcare Simulation in Portugal: Current Status and Future Directions. Simulação Biomédica em Portugal: Actualidade e Futuro. Chaired by Nuno Freitas and Marco Grit (Session in Portuguese)

Theme: Nursing

Part I: Laboratory Practices as Pedagogical Strategy, José Amendoeira - Santarém Higher Health School, Santarém, Portugal

Part II: Critical Learning Environments, José Amendoeira - Santarém Higher Health School, Santarém, Portugal

Theme: Special Interest Groups

Simulation in the UK: What is Needed for Progress? Chaired by Mark Mottram and Chris Caporali

Theme: Special Interest Groups

Simulation in Spain: What is Our Role in Europe? Chaired by Jochen Vollmer and Chris Caporali

(Session in Spanish)

Room available for meetings, book at registration.

**HP
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EUROPE
2011



7th Annual HPSN Europe Simulation & Education Conference NOVEMBER 26-27, 2011

ERBACHER HOF AKADEMIE & TAGUNGSZENTRUM
DES BISTUMS MAINZ



Room: Ketteler Saal

Room: St. Lioba

Room: D091

Room: D74

Room: D43



Welcome to HPSN Europe – Celebrating its 7th year in the beautiful historic city of Mainz.

This year's theme is "Assessment Through Simulation."

HPSN Europe is a FREE, two-day medical simulation and education conference that provides an invaluable opportunity to enhance your medical simulation experience while networking with healthcare professionals from all over Europe and the world. Every year, HPSN Europe offers keynotes, seminars and workshops designed to further the advancement of simulation training in all walks of healthcare with a progressive and hands-on approach.



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Conference Schedule

Pre-Conference Day Friday, 25 November

0900 - 1700 Pre-conference Courses

Conference Day 1 Saturday, 26 November

0800 - 0900 Registration and Refreshments. Ground floor.

0900 - 0945 **Welcome Addresses** — Thomas J. Doyle, Vice President of Education and Training and Chief Learning Officer, CAE Healthcare

Marco Grit, Vice President of International Business, CAE Healthcare.

Organizational Remarks by Stefan Mönk, Manager of Global Medical Programmes, CAE Healthcare

0945 - 1045 **Keynote Lecture: The Use of Simulators in Military Aviation**, Bengt Littke, Senior Advisor, Gripen Marketing, Saab Aeronautics, Sweden, Ketteler Saal

1045 - 1115 Coffee Break

1115 - 1215 **Concurrent Session A (See Conference Booklet)**

1215 - 1315 Lunch Break

1315 - 1415 **Concurrent Session B (See Conference Booklet)**

1415 - 1430 Coffee Break

1415 - 1515 **Concurrent Session C (See Conference Booklet)**

1530 - 1545 Coffee Break

1545 - 1645 **Keynote Lecture: Simulated and Standardized Patients: Why Would You Want to Use Them?** Jan-Joost Rethans, Associate Professor, Skillslab, Faculty of Health Medicine and Life Sciences, Maastricht University, Ketteler Saal

16:45 - 17:00 Closing

17:00 - 19:00 Cocktail Reception

Conference Day 2 Sunday, 27 November

0900 - 0915 **Welcome Address** — Stefan Mönk and Amanda Wilford, Education and Training Division, CAE Healthcare, Ketteler Saal

0915 - 1015 **Concurrent Session D (See Conference Booklet)**

1015 - 1045 Coffee Break

1045 - 1145 **Concurrent Session E (See Conference Booklet)**

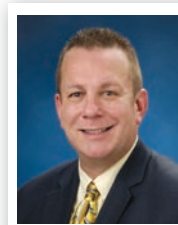
1145 - 1230 **Keynote Lecture: Using Simulators to Perform High Stakes Assessments: Lessons Learned From the UK FRCA Examinations**, Andrew McIndoe, Consultant Anaesthetist, University Hospitals Bristol NHS Foundation Trust, UK, Ketteler Saal

1230 - 1245 Closing of Conference



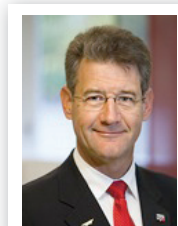
2011 SIMULATION AND EDUCATION CONFERENCE

Conference Speakers



Thomas J. Doyle, Vice President of Education and Training and Chief Learning Officer; CAE Healthcare. Tom has over 28 years experience as a registered nurse, hospital administrator and nurse educator at all levels of education. He spent five years as Coordinator of the Patient Simulation

Program at one of the first colleges in the U.S. to purchase the Human Patient Simulator. As Vice President and Chief Learning Officer of Education and Training for CAE Healthcare, he facilitates a team of educators around the world to assist customers in applying CAE Healthcare's technology for learning.



Bengt Littke, Senior Advisor—Gripen Marketing, Saab Aeronautics. Bengt is an experienced Program Director with Saab and was recently appointed Senior Advisor within Gripen Marketing. He has a background as a fighter pilot with the Swedish Air Force and holds a degree in Computer Science. He has a

long history of successful leadership in Swedish industry based on 15 years experience with Saab Aerosystems, and 5 years with Ericsson before joining Gripen International 8 years ago. He is a Fellow of The Royal Aeronautical Society in London and has served on the RAeS Flight Simulation Committee for more than 10 years. He is still a reservist officer with the Swedish Air Force.

Dr. Andrew McIndoe, Consultant Anaesthetist-University Hospitals Bristol NHS Foundation Trust. Dr. Andrew McIndoe was appointed as a Consultant Anaesthetist at University Hospitals Bristol NHS Foundation Trust in 1998 with a special interest in simulation and education. He has been a core faculty member of the Bristol Medical Simulation Centre since 1997, holds honorary Senior Lecturer at the University of Bristol, and is national clinical lead for the nationale-learning Anaesthesia project. He is a current examiner for the Royal College of Anaesthetists, a member of the RCOA Simulation Steering Group, and is section lead for simulation as an assessment tool in the Primary FRCA examination.



Jan-Joost Rethans, MD, PhD, Associate Professor—Maastricht University. Jan-Joost Rethans studied medicine at Maastricht University. After finishing specialist training in family practice he worked 17 years part-time as a family physician and as a researcher at the Research Institute 'Extra' of Maastricht

University. During this period he also worked three years in Norway, both as a clinician and as a researcher. In 1998 he joined the Skillslab of FHML, Maastricht University. He was elected as chair (1998-2004) of the Executive Board of the European General Practice Research Network (EGPRN). In 2004 he joined the Board of Directors of ASPE (Association of Standardized Patient Educators), where he was initiator and first chair of the

Committee ASPE-International. He held positions as visiting professor at Gifu University, Medical Education Development Centre, Japan and at Osaka Medical School, Osaka during a three months stay in Japan (2008). In 2010 he received the Outstanding Educator Award 2010 by ASPE as first person outside North America. Dr. Rethans is author/co-author of more than 70 publications in international peer reviewed medical journals. The majority of his papers deal with simulated or standardized patient methodology.



Paul van Katwijk is 56 year old, lives in Enschede, The Netherlands, is married with Willy, they have two daughters and a dog. Studied Psychology in Groningen in the seventies. Work experience and specialization in training in communication and professional behavior. For about ten years he trained and

coached general practitioners during their educational training at the University in Nijmegen (Radboud University) and Amsterdam (VUmc). Since 2003 he works at the University of Twente, Technical Medicine. Together with a small and enthusiastic team he develops and organizes courses, training and coaching methods in communication and professional behavior. Furthermore he is coordinator of the internships of masterstudents and a professional supervisor and group leader of Balint groups.



Willem L. van Meurs was born in Rotterdam, The Netherlands, in 1962. He obtained the MSc degree in electrical engineering at the Eindhoven University of Technology in 1987, and the Doctoral degree in control engineering from Paul Sabatier University, Toulouse, France, in 1991. At the

University of Florida, from 1992-1998, he was co-inventor of the Human Patient Simulator, commercialized by Medical Education Technologies, Inc. (METI), Sarasota, Florida. As a consultant to METI, from 1998 to present, he was co-developer of the simulators: PediaSIM®, BabySIM®, iStan®, and METIman®, as well as of the Muse® software.

He was an invited associate professor of applied mathematics at the University of Porto from 1998-2001. He presided the Society in Europe for Simulation Applied to Medicine (SESAM) from 2005-2007. He is the author of "Modeling and Simulation in Biomedical Engineering: Application to Cardiorespiratory Physiology," New York, McGraw-Hill Professional, Aug. 2011.

Since 1998 he is an investigator at the Instituto de Engenharia Biomédica (INEB) Porto, Portugal, with a program focusing on physiologic models for educational simulation and on a training simulator for obstetric emergencies. He lives with his wife and two children in Lahitte-Toupière, France, and plays upright bass in the Cadillac Club Trio and the duo A Voix Basse.