

Society in Europe for Simulation Applied to Medicine (SESAM)

Newsletter, January 2006

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MESSAGE FROM THE PRESIDENT

Dear SESAM Members,

At the meeting in Bristol, Dr. Guid Oei from the Netherlands got quite excited about the program and had a hard time choosing which session, exhibit, workshop, master class to attend: "they are all interesting!" Guid's attendance is representative of SESAM's evolution:

As an obstetrician, he was pleased with all the OBGYN sessions and industrial exhibits with an OB focus. With the success of anesthesia simulators, mainly for training anesthesia residents, the medical simulation community was initiated by anesthesiologists. Anesthesia and intensive care still play an important role in our society, but the presence of Guid and other obstetricians at the meeting demonstrate an important evolution.

At the Máxima Medical Centre, in Veldhoven, the Netherlands, Guid is responsible for setting up a new training centre. In this context, he learned a lot from attending two subsequent SESAM meetings. As a full professor in biomedical technology at the Eindhoven University of Technology, Guid was also interested in the equipment and modeling sessions.

It is the goal of the newly elected executive committee to support and follow this evolution, so that we keep our meetings and other services (emailing list, web-page, newsletter, SESAM affiliated meetings, involvement in the new journal Healthcare and Simulation, etc.) relevant and stimulating. We appreciated your unanimous support in the general assembly. We plan on keeping pace with the developments in simulator based training applications, educational methods, and equipment, but cannot do so without your active involvement!

Building on the good works of outgoing president Dr. Stefan Mönk and his team, our priorities are to complete the work on SESAM's financial/legal status and to continue the expansion of SESAM membership across medical specialties and professions, and into Mediterranean and Eastern European countries. New focus points for our tenure will be:

1. Stimulate and support integration of medical simulation in undergraduate education,
2. Explore simulator supported accreditation of medical professionals,
3. Develop constructive partnerships with industry and stimulate simulator validation and technology development.

We will be in touch in the context of the 2006 meeting (www.sesam2006.ws) and in the upcoming newsletter, if not before...

Willem van Meurs

INTRODUCING THE NEWLY ELECTED EXECUTIVE COMMITTEE



SESAM PRESIDENT Willem van Meurs received a M.Sc. degree in electrical engineering in 1987 from the University of Technology, Eindhoven, The Netherlands, and the Ph.D. degree in control engineering in 1991 from the Paul Sabatier University, Toulouse, France. From 1992-1998 in the Department of Anaesthesiology at the University of Florida, Gainesville, FL, he participated in the development of the Human Patient Simulator. He is a former director of physiologic model development at Medical Education Technologies, Inc. He is currently an associate scientist at the Institute for Biomedical Engineering, Porto, Portugal. His research interests include models of cardiovascular and respiratory physiology and pharmacology, focusing on educational simulations, specifically on a full-scale intrapartum acute care simulation environment. Email: wvanmeurs@ineb.up.pt



SESAM VICE PRESIDENT Doris Østergaard, M.D., Associate Professor at Herlev University Hospital, Denmark, Certified Specialist in Anaesthesia, Diploma in Medical Education from the University of Dundee (UK) in 2003. Her clinical special interests are Genetic defects in plasma cholinesterase and neuromuscular blocking drugs. She is head and active Lecturer at the Danish Institute of Medical Simulation (DIMS) and involved in development and planning of educational activities and research related to education. Doris chairs a working group within the Danish Society of Anaesthesia and Intensive Care redesigned the curriculum for 1st year trainees and residency in Anaesthesiology in Denmark, including a formal in-training assessment programme. She is responsible for the nationwide implementation of mandatory simulation courses for anaesthesiologists. Her dedication to patient safety is documented by her numerous publications in the field of patient safety, simulation, education as well as specific clinical aspects. Email: dooe@herlevhosp.kbhamt.dk



SESAM SECRETARY Guillaume Alinier (MPhys(Hons), PGCE, CPhys, MInstP, ILTM) is currently the coordinator of the Hertfordshire Intensive Care & Emergency Simulation Centre (HICESC, www.health.herts.ac.uk/hicesc) at the University of Hertfordshire, UK. He is a Senior Lecturer in Medical Simulation in the Faculty of Health and Human Sciences and has a background in Physics and Engineering. His main areas of interest primarily relate to the development and running of short courses pertaining to medical simulation in a wide range of healthcare disciplines, and the enhancement of the current simulation technology. He also has an interest in the design and use of Objective Structured Clinical Examinations. His remit as part of the SESAM Executive Committee include approaching professional bodies to obtain simulation training accreditation, encouraging the use of simulation technology in professions allied to medicine, in addition to promoting and supporting its use in Eastern European countries. Email: G.Alinier@herts.ac.uk



SESAM TREASURER York Zausig, MD studied Medicine at the University in Heidelberg, Germany from 2000-2005 and became anaesthesiologist. He also trained in emergency medicine. Together with Dr. Christoph Grube und Dr. Bernhard Graf he was responsible for the patient simulator „HANS“ in Heidelberg. His main focus is training of medical student, nurses and physicians in emergency medicine, anaesthesia and intensive care. His main research interest are non-technical skills, human factors und broader possibilities to use simulators. Since 2005 he is working at the simulation centre ZARI at the university of Goettingen, Germany. York was appointed to the treasurer position by the executive committee in its Oct. 2005 meeting to replace Dr. Christoph Grube, who has left the University of Heidelberg. This appointment will be put up for confirmation at the next general assembly. Email: yzausig@zari.de



SUMMARY OF EXECUTIVE COMMITTEE MEETINGS Bristol, UK, April 2 and May 19, 2005

Accomplishments since the last executive committee (EC) meeting were reviewed: The positive financial balance was strengthened, we are now working with a calendar year based membership, the SESAM web-page was transferred to Porto and given a more contemporary look, and a Newsletter was published in November 2004. Concerning the SESAM 2005 meeting, organizer Dr. Frances Forrest informed us that there will be no abstract printouts, but a form for requesting a CD-ROM after the conference. A "SESAM prize panel" designated by the organizers will assign a first prize of 250€, funded by the society, and second and third prizes (amounts to be determined), funded by the organizers. The EC visited the conference site and was positively impressed. A site map will be included in the participants' folder. A proposal for an assistant to the treasurer for the May-Dec. 2005 period, for a total amount of 2000€, was prepared and executed. Credit card membership fee payment, also facilitating use of non-Euro currencies, will be pursued after obtaining formal financial-legal status. Society member and meeting registrant lists were compared and merged where appropriate. Feedback from the EC to candidate 2007 meeting organizers was provided and the general assembly was prepared (see this newsletter for a summary). The next EC meeting will take place from Oct. 14-16, 2005, in Mainz, Germany. A summary will be included in the next newsletter.

Willem van Meurs - (Outgoing) secretary

REPORT FROM THE GENERAL ASSEMBLY IN BRISTOL Thursday, May 19, 2005

After the opening by president Dr. Stefan Mönk, treasurer Dr. Christoph Grube presented financial and membership reports. The (positive) balance for of the SESAM account is approximately 10.000€ and to date there are about 150 paying SESAM members. The budget for 2004-2005 was presented and unanimously approved by the general assembly (GA). The treasurer also summarized ongoing work on obtaining formal financial-legal status for the society. A version of the constitution containing modifications necessary for obtaining legal status was unanimously approved by the GA. The GA also gave the treasurer the right to make further editorial modifications if necessary in the legal process. At the next general assembly the general content of the constitution will be opened up for discussion. It was observed by the membership that an article governing its evolution should then be included. A summary of other executive committee activities was presented by secretary Dr. Willem van Meurs, see this and previous versions of the Newsletter for details. 2006 meeting organizer Dr. van Meurs presented the locations and special themes of the meeting (www.sesam2006.ws). Candidatures for the 2007 meeting were presented by Mr. Guillaume Alinier (Hatfield, UK), and Dr. Doris Østergaard (Herlev, Denmark). The members choose Herlev by a large majority. In his address the outgoing president presented the achievements of - and challenges for - the society. The candidates for EC functions briefly introduced themselves. Were vote in unanimously: president: Dr. Willem van Meurs, vice-president: Dr. Doris Østergaard, treasurer: Dr. Christoph Grube, secretary: Mr. Guillaume Alinier. Due to a move of Dr. Grube into private practice and his withdrawal from the treasurer's position, Dr. York Zausig (Göttingen, Germany) stepped into this positions. In his closing remarks the incoming president thanked the GA, the previous EC and the conference organizers, and, on behalf of the new EC, nominated Dr. Stefan Mönk to the position of immediate past president.

Willem van Meurs - (Outgoing) secretary

SUMMARY OF THE ANNUAL SESAM MEETING IN BRISTOL SESAM Bristol May 2005

It is now mid August and after a relatively hot July (for Bristol) the first nip of cold has entered the air – and yes the Bristol rain has returned. It is only now that I have managed to finish the accounts for the annual SESAM meeting held in May this year.

Scrutinising the accounts has brought back all the memories – some good, some bad and some funny. It was a lot of hard work but we enjoyed hosting the meeting and we hope those of you who attended enjoyed it too. More importantly we hope you met new people, made new friends and learned more about simulation.

We were grateful for all our industrial sponsors – particularly METI and Laerdal as major sponsors. It is only through the support from these sponsors that we could afford to run the meeting. SESAM is still too small for the delegate registration to cover the costs of the meeting. For us however, the meeting was made by those who travelled from far and wide to attend – we were thrilled to have people from the USA and Australia as well and the European community. Thanks to all of you who came.



At the final count we had nearly 160 attendees at the meeting including company representatives. We hope new attendees will be thrilled by the automatic SESAM membership for the following year and that this will encourage them to remain members and attend the next meeting in Porto. Don't forget that SESAM membership runs from January to January. Therefore in order to get a discounted member rate for the Porto meeting you will need to be an active member from January 2006

Some things from this years meeting will stick in my mind – the unexpected fire alarm that enabled an impromptu photo shoot (see photo) and the relaxed informal dinner at Byzantium. On the simulation side it was great that SESAM had the honour of being the first place for both baby simulators (METI and Laerdal) to be demonstrated in Europe and we look forward to seeing more about these at future meetings.

Congratulations should go to all our prize winners. We assure you that it was not an inside job that Christophe Grube won the SESAM 1st prize. Congratulations again to Jo Crofts (Bristol) and York Zausig (Heidelberg) [now Göttingen, the Editors] for second and third prizes respectively.

Finally from Bristol we wish the new Executive committee luck with their tasks. We hope that the final donation to the SESAM coffers will be in the order of 8000 euros but the details will be revealed at next years AGM. For any of you interested in running the SESAM meeting in the future we now have accurate accounts rather than estimates of costs which will be given to the EC for future reference.

Thanks again to all of you who attended and contributed. We look forward to seeing you all in Porto
Frances Forrest

MARK YOUR CALENDAR MEETINGS, CONFERENCES AND THE LIKE

The Meeting of the Association for Medical Education in Europe (<http://www.amee.org>) will be held in Genoa, Italy, from September 14. –18.: "A wide range of topical issues in medical and health care professions education is included and covers the spectrum of medical/ healthcare professions education from undergraduate/basic education through postgraduate/specialist training to continuing professional development." (Received by Michael Mueller, Dresden)

The 11th Simtect Health Care Simulation Conference will be held in Melbourne Australia from May 29. – June1. Check the Flyer at http://www.siaa.asn.au/documents/simtect06_flyer5.pdf and the conference site at <http://www.siaa.asn.au/simtect/2006/2006.htm> .

The 7th International Meeting on Medical Simulation (IMMS) organised by the Society for Medical Simulators (SMS, www.socmedsim.org) will be held in Orlando, Florida, USA from Jan. 14-17. Check the Website at <http://www.socmedsim.org/meetings/meetings.html>

The European Society of Anaesthesiology (ESA) annual Meeting 2006 will be held in Madrid, Spain, June 3.-6. (www.euroanesthesia.org). The meeting has many topics about simulation, training and patient safety. Several members of SESAM are invited speakers (lectures and workshops). Use the opportunity to exchange ideas and discuss vividly. For requests about the programme or suggestions for future meetings (ESA 2007 in Munich, Germany) please contact marcus.rall@med.uni-tuebingen.de (chairman of the ESA scientific subcommittee "Patient Safety and Simulation")

The 4th Interdisciplinary Symposium Simulation in Medicine (InSIM) 2006 is organized by the Center for Patient Safety and Simulation (TuPASS) in Tuebingen, Germany (September 22.-23.). The meeting is a platform for the exchange of ideas and concepts for all types of simulations and simulators. Contact marcus.rall@med.uni-tuebingen.de for details.

The 12th SESAM Annual Meeting (www.sesam2006.ws) will be held in Porto, Portugal, from June 29 – July 1 2006. Special topics are "Simulation on perinatal safety" and "Modelling human physiology in full-scale simulation". Call for abstracts, submission deadline: TBA. Contact information: Telephone: +351 22 508 1623; Fax: +351 22 508 1624; Email: sesam06@fe.up.pt

The 2th Human Patient Simulation Network Europe Conference (HPSN) 2006 (November 17.-18.) will be held in Mainz, Germany. See <http://www.hpsn.de/> to keep posted.

The 13th SESAM Annual Meeting will be held in Copenhagen, Denmark, in 2007.

CALL FOR PAPERS

Simulation in Health Care – SIH

The Society for Medical Simulation (SMS – www.socmedsim.org) created the Society's official journal: Simulation in Healthcare: The Journal of the Society for Medical Simulation (<http://www.socmedsim.org/Journal.html>). This quarterly, peer-reviewed journal will be published by Lippencott, Williams & Wilkins. David Gaba, VA Palo Alto Health Care System, Stanford University is the Editor-in-Chief. Jeffrey Cooper, Boston MA; Michael DeVita, Pittsburgh, PA; Barry Issenberg, Miami, FL; Ronnie Glavin, Scotland, and Daniel Scott, New Orleans, LA have been named Associate Editors. The Editorial Board for the new journal is now also selected, a distinguished group of individuals from around the world. The Editorial Board members represent a wide range of specialties, areas of expertise, and interests. Manuscripts are now being accepted on-line for the inaugural issue to be published March 2006. There was a preview issue coming out in time for the International Meeting on Medical Simulation (IMMS) in San Diego, CA, January 2006.

NEWS

New Centre of Excellence in Teaching and Learning in UK for clinical and communication skills:



City University and Queen Mary, University of London were awarded the Centre for Excellence in Teaching and Learning (CETL) for clinical and communication skills (www.city.ac.uk/sonm/connectedapril2005/cetl_award.html). The two institutions jointly secured a £3.15m funding over 5 years from the Higher Education Funding Council for England (HEFCE) in recognition of their excellence in providing professional training in healthcare for 3,000 students across five disciplines. It will enable the expansion and development of their current learning facilities at the Robin Brook clinical skills centre based at St Bartholomew's Hospital. Benefits to nursing and midwifery students, as well as to those in City's School of Allied Health Sciences and Queen Mary's School of Medicine and Dentistry, will include a mobile 'skills bus' equipped with simulation facilities to provide training for students from all disciplines in hospital and primary care placements and the opportunity to learn about patient care in enhanced simulated settings. The funding will enable more learning materials to be developed using the latest technologies and out-of-hours access with expert facilitation for students wishing to practise the skills they are learning.

Maggie Nicol, formerly a senior lecturer for clinical skills at the School, is the new Director of the CETL and will be working closely with staff from both universities to take forward the project. For more information on the CETL contact Maggie Nicol on +44 20 7040 5750 or m.j.nicol@city.ac.uk.

Guillaume Alinier awarded for excellence from University of Hertfordshire (UK) for efforts in medical simulation

"Vice-Chancellor's Awards: Six members of staff from the University of Hertfordshire (UK) have been commended with awards for excellence in their individual fields. The awards presented by Vice-Chancellor Professor Tim Wilson at his Annual Address to Staff held on Monday 12 September at the Weston Auditorium are recognition of their hard work." Guillaume Alinier was one of this six staff members for his work in medical simulation training. The nice framed certificate and an honorarium fit his office nicely he assured us! Congratulations!

Emergency Medicine Learning & Resource Centre Mobile Simulation Lab

On May 12, 2005, the Emergency Medicine Learning & Resource Centre (<http://www.emlrc.org/emlrcmslab/>) launched the State of Florida's only emergency medicine simulation lab on wheels featuring SimMan® and SimBaby®. The lab, which features realistic emergency room and ambulance settings is built within a 45-foot coach and will take a realistic emergency medicine feel to physicians, nurses, and paramedics/EMT's in rural parts of Florida. This "Mobile Simulation Lab" will be targeted to the rural emergency medicine providers in the State of Florida. There are 33 counties in Florida deemed "rural" with more than one million residents of those counties. This educational tool is an essential part of getting those in the profession hands-on training in the ever evolving field of emergency medicine. For further information contact:



Karen Crowe, Emergency Medicine Learning & Resource Center, 3717 South Conway Road, Orlando, FL 32812-7607, Phone: +1 (800) 766 6335 x24, Email: kcrowe@emlrc.org

The International Meeting on Medical Simulation (IMMS) 2006 took place in San Diego, California USA. It was for the first time hosted by the recently founded Society for Medical Simulation (SMS). There were about 600 participants to this 2,5 days meeting. Besides Keynote lectures, there were panels, round tables, abstract and poster presentations, workshop and industry exhibits. The topics, domains and participants became even more diverse than in former meetings. The next meeting will be held in Orlando, Florida Jan. 14.-17. 2007. Check the Website: www.socmedsim.org.

Peter Dieckmann

JOB ADVERTISEMENT

If you would like to submit job adverts related to simulation in health care you are welcome to send them to the newsletter editor well in advanced of the publication date.

SCIENCE CORNER

Do more research!

European Network of Advanced Medical Training using Simulations:

We still haven't found the energy to coordinate a European initiative to provide funding for a European Simulation Network. In my opinion we would have the best chances, given the already existing network and members from so many European countries. Who would like to take the lead in such a project? Who could contribute substantially with contacts, ideas etc? This is a call for action. Let's start to form an active group who takes this project ahead.

Marcus Rall

Work in progress - call for contributions:

In order to get more "content" into the newsletter besides the important messages and news, we would like to start this new section in the newsletter. We ask you to submit very short descriptions (5 lines, 10 points, Arial) of interesting projects you are doing, partners you are looking for, questions you have, etc. The idea is a very short sketch and some contact or further information to foster the exchange of ideas and contacts. Remember: 5 lines – we will cut-off after that!

The Editors

LINKS, RESSOURCES, HINTS

The SESAM Website www.sesam.ws

<http://www.ahrq.gov/qual/advances/> An online collection of 140 full text papers related to patient safety: "Advances in Patient Safety: From Research to Implementation" describes what federally funded programs have accomplished in understanding medical errors and implementing programs to improve patient safety over the last 5 years. This compendium is sponsored jointly by the Agency for Healthcare Research and Quality (AHRQ) and the Department of Defence (DoD)-Health Affairs." (Received by Marcus Rall, Tuebingen)

<http://www.patientsimulation.co.uk/> An online simulation user resource with many useful sections including one with "tips and tricks". Contributions are welcome and should be sent by email to the webmaster (Neal@patientsimulation.co.uk). It also allows for the sharing of scenarios (METI and SimMan) and hosts a user forum.

MEMBERSHIP AND CONTACT INFORMATION

The benefits of membership include a reduction of 75 Euro of the registration fee of the annual meeting, a Newsletter, your email address on the SESAM mailing list, which provides weekly alerts of medical simulation publications, and the possibility to send discussion emails to this list. The annual fees for individuals are 50 EUR, the corporate fee is 250 EUR. More in general, you stay or become a member of a mature and very active society for simulation applied to medicine, your participation and membership fee will help build a European network in this field, you will stay current, and get ideas for great work projects, and potentially even employment opportunities!

Whoever wants to join SESAM should please contact the treasurer Dr. York Zausig (sesam@zari.de) and declare his or her wish to become a member. The treasurer will conduct this application to the president of SESAM. After approval of the Executive Committee. The Executive Committee will inform you of the acceptance quickly. The applicant pays his or her dues to the following bank account:

Pay 50 EUR (individual) or 250 EUR (corporate) to the SESAM account via bank transfer.

ACCOUNT INFORMATION:

Name of the Bank:	Dresdner Bank Bühl/Baden (Germany)
Account Name:	SESAM e.V.
Account-Number:	0894130000
Bank-Code/BLZ (Germany):	66280053
IBAN:	DE02 66280053 0894130000
BIC/SWIFT-Code:	DRES DE FF 669

Use the IBAN and BIC/SWIFT Code for all transfers from european and non-european countries. Insert in the "reason for payment" field your <full name and amount of transferred membership fee>.

After payment, the applicant is considered a full member for the calendar year and is allowed to vote actively or to be elected for office at the general assembly during the annual SESAM meeting.

For all questions on individual membership, please contact membership assistant Luísa Bastos (lbastos@med.up.pt). For corporate membership, and its advantages, please contact the treasurer directly (sesam@zari.de).

EDITORIAL INFORMATION

The Newsletter of the Society in Europe for Simulation Applied to Medicine (SESAM) is one of the means the society has to implement its mission and pursue its vision, see SESAM Newsletter, Fall 2003. It is a newsletter for the members, by the members. It also serves as a communication channel from the executive committee to the other members.

The individual newsletter authors (not SESAM or the Executive Committee) are responsible for the content they provided and which they signed by their name.

The first Newsletter from the new team took a while. The next will be ready sooner. A root cause analysis of the delay would bring up many different aspects we do not want to bother you with. However, we do like to encourage you to send along material for the newsletter. The better your input – the better the Newsletter!

The Editors

The new editors can be contacted:



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