

Keynote lectures

Richard Satava - “The future of medical innovation”

Richard Satava, MD, FACS, is Professor of Surgery at the University of Washington Medical Center, and Senior Science Advisor at the US Army Medical Research and Materiel Command in Ft. Detrick, MD. Prior positions include Professor of Surgery at Yale University and Program Manager of Advanced Biomedical Technology at the Defense Advanced Research Projects Agency (DARPA). His surgical residency and a fellowship with a Master of Surgical Research was at the Mayo Clinic. He has served on the White House Office of Science and Technology Policy Committee on Health, Food and Safety. He is currently a member of the Emerging Technologies and Resident Education, and Informatics committees of the American College of Surgeons (ACS), is past president of the Society of American Gastrointestinal Endoscopic Surgeons (SAGES), past president of the Society of Laparoendoscopic Surgeons (SLS), and is on the Board of Governors of the National Board of Medical Examiners (NBME). He is on the editorial board of numerous surgical and scientific journals, and active in numerous surgical and engineering societies. He has been continuously active in surgical education and surgical research, with more than 200 publications and book chapters in diverse areas of advanced surgical technology, including Surgery in the Space Environment, Video and 3D imaging, Telepresence Surgery, Virtual Reality Surgical Simulation, and Objective Assessment of Surgical Competence and Training. While striving to practice the complete discipline of surgery, he is aggressively pursuing the leading edge of advanced technologies to formulate the architecture for the next generation of Medicine.



Professor Kevin Cleary - “Image guided therapy”

Kevin Cleary is a Research Associate Professor for the Imaging Sciences and Information Systems (ISIS) Center in the Department of Radiology and the Deputy Director of the Imaging Sciences and Information Systems Center in the Department of Radiology. He is also a leader in the Computer Aided Interventions (CAIMR) group (part of the ISIS center) and a member of the research faculty at the Lombardi Cancer Center. He is an expert in the field of medical robotics, specializing in the development of technology for image-guided and minimally invasive medical procedures. He received his PostDoc in 1990 at the Mechanical Engineering Lab, Japan and his PhD from the University of Texas at Austin, Mechanical Engineering.



Professor Vidar Hepsø - “Imaging and navigation in the oil industry”

Vidar Hepsø is the Principal researcher and project manager of Statoil Research and Technology. His work tasks are related to integrated operation or new collaborative practices enabled by new information and communication technology. He is the Statoil coordinator of SFI integrated operations at Norwegian University of Science and Technology (NTNU) and an internal Statoil supervisor of 2-5 NTNU/BI students yearly within the Technology Master program at NTNU and project manager within Statoil's Summer projects for students. Vidar Hepsø's specialties include collaborative training, digital oil field of the future, anthropology, actor network theory, computer supported cooperative work, and participatory design. He recently published the book “Leading Research in Technoscience: Insider social science in socio-technological change”.



Special plenary talks

Professor Erik Fosse - “Surgical aid in areas of armed conflict”

Erik Fosse is an MD and Professor of medicine at Oslo University, Norway. His specialty is general surgery and thorax surgery. He is currently the department manager at the Interventional center at the National Hospital in Oslo. Fosse received his PhD in 1987 at the University in Oslo. The SMIT congress in 2002 was managed by Fosse and his colleagues in Oslo. Fosse leads The Norwegian Aid Committee (NORWAC), a humanitarian organization that works mainly with health care issues. Their work is based on the principle of solidarity and equality regardless of religion, race and ethnic belonging.



Dr. Brynjulf Ystgaard - “Under the volcano: disaster preparedness”

Brynjulf Ystgaard is a surgeon at the St. Olavs Hospital in Trondheim, Norway. He works for the international Red Cross and has been active as a surgeon in various catastrophes world wide for more than 15 years.