eit 2017

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Extended Deadlines:

Submission of full papers
January 29, 2017
Notification of acceptance
February 28, 2017
Final Manuscript in PDF form
March 19, 2017

Call for Papers

Region 4

Advances in M&S in the Health Sciences: Opportunities for Collaboration (AM&SiHS'2017) Track

PART OF 16th ANNUAL IEEE INTERNATIONAL CONFERENCE ON ELECTRO INFORMATION TECHNOLOGY (eit2017)

May 14 -17, 2017 – Lincoln, Nebraska, U.S.A.
http://engineering.unl.edu/eit2017/eit-ms-maihs-2017/

Sponsored by IEEE Region 4 in co-sponsorship with University of Nebraska-Lincoln (UNL) and University of Nebraska Medical Center (UNMC)

Advances in Modeling & Simulation in the Health Sciences (AM&SiHS'2017) Track will unite nationally and internationally renowned researchers, technologists, practitioners, and educators to present their latest work, technology and practice in all areas of modeling, simulation, and data analysis related to medical and health sciences. This includes, theory, methodology, tools, application, and security. Topics include but are not limited to:

- Application of Modeling and 3D, Virtual Immersive Reality (VIR) and Augmented Reality (AR) to patient/clinical care, health care education and training
- Modeling & Simulation technology as applied to:
  - Assessing and measuring the outcomes of clinical trial and care
  - Predicting outbreaks of disease and/or outcomes of intervention
  - System biology, medical practices, medical decision making, risk assessment and management, health care policy, and critical care medicine
  - Advancing human performance in health care
- Modeling & Simulation methodology in the health care system such as discrete-system simulation, agent-based modeling, bond graph modeling, object oriented modeling, and dynamic system simulation
- Selection of appropriate models applicable to health care system level issues such as policy, management, logistics and scheduling

In addition to peer reviewed paper sessions, there will be keynote and plenary sessions, panel discussions, technical and professional tutorials/workshops, exhibits, and poster sessions.

All accepted and presented papers of the conference will be submitted to IEEE Xplore Digital Library for publication. In addition, the top three papers will win the best paper award.

Submission Procedures: Please submit the full paper in electronic form as a PDF file to the site **http://www.eit-conference.org/eit2017/** under **Modeling & Simulation: Advances in Health Sciences.** The submitted manuscripts should not exceed six pages (including figures, tables, and bibliography) in a standard IEEE two-column format. The format information can be obtained from **http://www.pdf-express.org/.** The title page should include the **name of author(s), their affiliations and e-mail addresses**. All the submitted papers will be reviewed by the Technical Program Committee (TPC), and they will be judged with respect to their quality, originality, and relevance. All the accepted papers will be published in the conference proceedings after the advanced registration of at least one of the authors. **For additional details regarding paper submission and other information, please refer to the website:**
http://engineering.unl.edu/eit2017/eit-ms-maihs-2017/