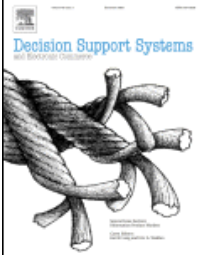


CALL FOR PAPERS

<p>Workshop on “Healthcare Service Management and Modeling” MWAIS 2010 Conference School of Business, Minnesota State University Moorhead, May 21, 2010 URL: www.mwais.org (link to: MWAIS 2010)</p>	<p><i>Journal Special Issue on</i> “Modeling for Better Healthcare” Decision Support Systems Journal (Guest Editors: Ashish Gupta & Ramesh Sharda) URL: www.mnstate.edu/gupta/DSSspissue.pdf</p>	
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Workshop Chairs:

Ashish Gupta, Minnesota State University Moorhead, USA, gupta@mnstate.edu

John B. Osborn, Mayo Clinic, USA, osborn.john@mayo.edu

Ramesh Sharda, Oklahoma State University, USA, ramesh.sharda@okstate.edu

Workshop Description:

This workshop will have several invited speakers, panels, and research presentations from academics and various sectors representing healthcare industry such as hospitals, nursing, pharmaceutical. There will be a roundtable session at the workshop for providing feedback to authors for the journal special issue. This workshop invites panels and original manuscripts (completed work and work in progress) of high quality research utilizing various modeling, analytical, empirical, and qualitative approaches making significant contribution towards a) improving the management or performance of any aspect of healthcare network or any of its constituents, b) using innovative approaches towards resolving problems of significant interest within the healthcare domain, c) proposing and testing decision models that suggest improvement in state-of-art healthcare practice or delivery.

Suggested Topics include, but not limited to, using various empirical, qualitative and analytical approaches that improve our decision making abilities in following areas (not an exhaustive list): Decision models of healthcare reforms and policy analysis; Models of healthcare regulatory processes and delivery mechanisms; Models that suggest improvement in patient care or overall quality and hospital performance; Improving decision making at various healthcare stakeholders and actors level; Social networking in healthcare; Business process and workflow management approaches as applied in healthcare delivery; Models suggesting improvement in Information; patient and material flow within and across healthcare networks; Decision models suggesting effective and efficient utilization of healthcare resources; Model based solutions to the problems in specific healthcare units such as oncology, cardiology; Decision models that help understand and control disease spread and progression; epidemic outbreak; Models of drug development and other aspects of pharmaceutical industry; Decision models related to the use (implementation, etc.) of technology in healthcare such as electronic medical records, telemedicine, RFID applications, etc.; Decision models related to the next generation healthcare cyber infrastructure; Modeling security and privacy related aspects of healthcare records; Case studies utilizing modeling and simulation approaches; Neuroscience; Latest trends in Information systems applications in healthcare; Decision models and issues pertaining to nursing; Models suggesting improvements in hospital out-patient services, surgery, and other healthcare units and resource utilization.

Proceedings and Journals Special issue

1) Accepted papers (full length and work-in-progress) will appear as proceedings in Association for Information Systems Electronic Library ([AISel](#)). **2)** Selected papers from the workshop will be invited for submission to the DSS journal special issue. Selected authors may also be invited to another follow-up workshop organized by the guest editors to provide additional feedback to the authors. Please note that acceptance or invitation to either workshop, though increases acceptance likelihood, does not guarantee acceptance into the special issue. **3)** Another journal special issue or journal series will be announced later. Selected papers from this workshop will also be fast tracked to the special issue of this journal.

Important Dates:

Submission Deadline for Panels: March 1, 2010: Submission Deadline for Full-Length Papers, and Research-in-Progress: March 15, 2010. Please visit workshop URL for other dates.

Submission Instructions and Details:

For more details and submission guidelines, please visit the workshop URL at:

<http://www.mnstate.edu/schoolofbusiness/mwais2010/workshop.htm> or www.mwais.org (Follow MWAIS 2010 link)