

## Call for Papers

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# A special issue on clinical applications of modern imaging technologies

### *Special Issue Guest Editors:*

Hong Liu, Ph.D. University of Oklahoma, USA  
A. Bertrand Brill, M.D., Ph.D., Vanderbilt University, USA  
Ge Wang, Ph.D., University of Iowa, USA  
Chris Flowers, M.D., South West Wales Cancer Centre, UK

### *Editors-in-Chief for the journal:*

Larry Knight, Ph.D., Brigham Young University, USA  
Hong Liu, Ph.D. University of Oklahoma, USA

Medical Imaging is a rapidly expanding field. The goal of this special issue is to provide a multidisciplinary forum for state-of-art technologies and their clinical applications. The focus of this special issue is in digital radiography, breast imaging, computed tomography and radionuclide imaging. The key that links all these areas is electronic detectors, X-ray and gamma ray sources, image acquisition, analysis and interpretation. Clinical researchers and biomedical professionals are encouraged to present their results in developing and using medical imaging technologies and to share insights on future generations of systems. Engineers and scientists are welcome to report breakthrough concepts and latest innovations, as well as solutions that can be applied to improve the quality of diagnosis and therapy.

### *Topics include:*

1. Analog and digital radiography, system development, evaluation and clinical applications;
2. X-ray Computed Tomography, advancements in algorithm development and system design;
3. Computer aided diagnosis, medical image processing and visualization;
4. Radionuclide imaging and other techniques and their biomedical applications.

### *Submission:*

All authors should submit their manuscript electronically in MS Word or Wordperfect plus a file in pdf format to liu@ou.edu in attachment by December 1, 2001. Alternatively, 3 copies of the manuscript and figures as well as a floppy disk containing the electronic files of the paper are to be submitted to Professor Hong Liu by the same deadline. Mailing address:

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*Important dates:*

All papers will be peer-reviewed according to the following schedule:

Submission of manuscripts: December 1, 2001

Revised manuscripts due: February 15, 2002

Acceptance/rejection notification: March 15 2002

Publication: July, 2002

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