

Call for Paper

Invited Session on

Multimedia Signal Processing for Plasma Diagnostics

The Fifth International Conference on Intelligent Information Hiding and Multimedia Signal Processing (IIHMSP2009) held on Sep. 12 - 14, 2009 at MIELPARQUE, Kyoto, Japan

Session Organizer: Shinsuke Fujioka (Osaka University, JAPAN)

We are organizing a special session on "Multimedia Signal Processing for Plasma Diagnostics" for IIHMSP 2009, which will be held at Kyoto, Japan on Sep. 12 - 14, 2009. Many of plasma physicists have been working to achieve self-sustaining nuclear fusion and energy gain in laboratory, and the long-standing dream will come true on ITER (International Thermonuclear Experimental Reactor) and NIF (National Ignition Facility) in the near future. Multimedia signal processing becomes much more important for plasma diagnostics under the harsh radiation environment. This session aims at bringing together researchers working across fields such as multimedia and image processing, plasma physics, and radiation (X-ray, energetic particle, neutron) detection and so on, to share their experience and discuss advanced techniques and new cooperative relationships could be established. The topics of interest included, but are not limited to:

- Inverse Problem in Plasma Diagnostics
- Data Sampling and Its Reconstruction
- Unfolding of Coded Data
- Noise Removal from Data
- Image Recognition for Data Analysis
- Topographic Technique for Plasma Diagnostics
- Others

Submissions:

Papers are invited from prospective authors with interests on the related areas. Each paper should follow the IEEE format with title, author(s)'s name, affiliation(s), e-mail address(es), an up to 150-words abstract, and a two column body with 4 single-spaced pages and with font size at 10 pts. All papers must be submitted electronically in PDF format only and be mailed to sfujioka@ile.osaka-u.ac.jp

Important Dates:

Deadline for paper submission	April 15, 2009
Notification of acceptance	May 01, 2009
Camera-ready Copies	June 01, 2009
Main Conference	September 12 - 14, 2009

For more information please contact:

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