

3rd International Workshop on Process Tomography (IWPT-3)

Measurement Validation, Calibration and Data Implementation

A part of the ISIPT conference series in

April 17-19, 2009, Tokyo, Japan

<http://www.isipt.org/IWPT3/>

DATE

Workshop From 17th April Friday to 18th Saturday, 2009
Excursion 19th April Sunday, 2009

PLACE

Tokyo, JAPAN

Scope

The objective of the workshop is to stimulate international cooperation for solving the emergent and specific challenges in industrial and process tomography. Following the success of the 2nd International Workshop on Process Tomography (IWPT-2) held in December 2006 at Macau, the 3rd workshop, IWPT-3, will be held in April 2009 at Tokyo. It will focus on the issues of measurement validation and calibration, which are considered to present significant technical challenges and to be major issues for future industrial application of process tomography. Another key topic at the workshop will be novel and effective methods to extract engineering information and to analyse the tomographic data with user-friendly interfaces. IWPT-3 will provide an excellent opportunity for researchers working together on these specific challenges.

Topics

Papers and workshop titles on validation, calibration and data implementation methods are invited. Scientific reports and innovative industrial applications associated with these topics are strongly encouraged. Key topics are given below, but papers on related topics are welcome.

Topic A: Calibration and Validation

- Calibration methods for tomographic sensors
- Validation of tomographic measurements
- A priori-knowledge and theoretical modelling
- Industrial applications with calibration and validation
- Comparison between CFD and tomography results

Topic B: Data fusion for tomographic 4-D data

- Data handling methods
- Analytical methods
- Visualization platforms

Topic C: Feature extraction in multi-component flow

- New methods, New topics & Novel applications

Deadline

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|---------------------|---|
| 1st October, 2008 | Deadline for abstract submission |
| 1st November, 2008 | Notification of abstract acceptance |
| 1st December, 2008 | Deadline for full length draft paper submission |
| 1st February, 2009 | PDF file manuscript due |
| 28th February, 2009 | Early Bird Registration deadline |

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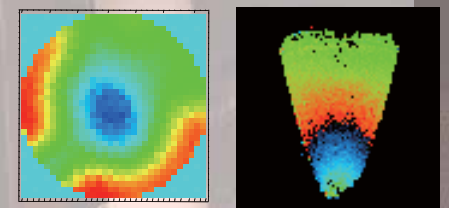
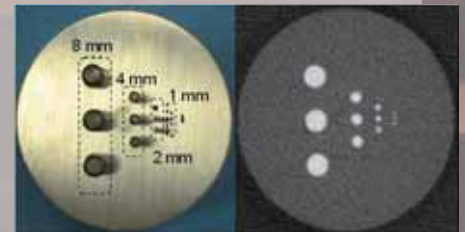


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