

6th World Congress

On Industrial Process Tomography (WCIPT6)

Beijing, China, 6-9 September 2010

Sponsored by ISIPT, NCEPU, BUAA, NSFC, GHEPC, VCIPT
Organised by

- International Society for Industrial Process Tomography (ISIPT)
- North China Electric Power University (Host)

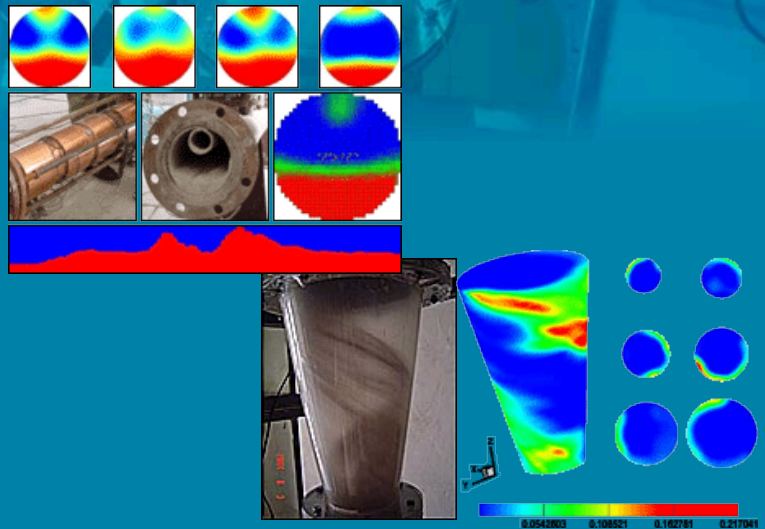
Second call for papers

Process tomography (PT) refers to fast and nonintrusive imaging systems that take measurements around the periphery of a domain to determine the material distribution inside. The inside features that can be monitored by PT are frequently encountered in the design of process and industrial plants in the fields of the chemical, oil, power and metallurgical industries as well as many other activities such as food and material handling and combustion systems.

Five successful world congresses have already taken place in UK (1999), Germany (2001), Canada(2003) Japan (2005) and Norway (2007). The Sixth World Congress on Industrial Process Tomography (WCIPT6) will take place in Beijing, China in 2010. The goal of the World Congress series is to promote further developments of PT and its tangible applications in various industries, through the joint efforts of researchers and engineers from different scientific and industrial sectors.

The topics include the following and related areas:

- Applications in Chemical, Power, Oil and Metallurgical Industries
- Sensor and sensing mechanisms
- Acquisition systems and instrumentation
- Optic, Laser, Acoustic and hybrid systems
- Image reconstruction and system evaluation
- Data and sensor fusion, data processing
- Emerging technologies
- PT related modelling and experimental work of multiphase systems, combustion, and chemical reaction etc.



Invited keynotes and special sessions will be arranged. It is planned to organise special issues with journals after the conference.