

ISIPT NEWS – March 2023

World Congress in Industrial Process Tomography - WCIPT11

ACCOMODATION and YOUNG RESEARCHER BUSARIES

Our 11th World Congress begins in 6 months from 6-8 September, hosted by colleagues at the National Autonomous University of Mexico (Universidad Nacional Autónoma de México), in the amazing Mexico City. Please visit www.isipt.org/wcipt11 for new information on ...

ACCOMODATION – 4* Radisson Paraíso Perisur Hotel is located near to botanical garden setting of our Congress Venue. Its Special Offers includes full breakfast (for one person) for a variety of room types. Details for other lower costs hotels (but located further from our Congress venue) are also provided. Please see the webpage for full details.

REGISTRATION - Young Researcher **Bursary Support** is available for a number of registered postgraduate students for research relevant to the Congress, who intend to submit a paper describing their work. Please see the WCIPT11 REGISTRATION website for Bursary Application details.

The Congress website provides a brief introduction to our host University, the parkland Congress Venue, and Mexico City sights, with its ancient foundations and future visions.

Please watch for our **May Newsletter** dedicated to Registration for the Congress.

Please – **PREPARE FOR THE DATES -- 6..8 SEPTEMBER 2023** -- to attend WCIPT11 and share latest research, developments and applications of Industrial Process Tomography.

Co-Sponsored Focussed Symposium – Sandpit Workshop ..

ROBUST IMAGING SENSORS FOR MULTIPHASE FLOWS

Date: 16 May 2023. Location: Aix-en-Provence, France. Venue and details to be announced soon.

The workshop is integrated into a regular project meeting of the German national research project "Electrical Measurement and Imaging Techniques for Nuclear Thermal Hydraulic Facilities", carried out with international partners from France and Switzerland.

The workshop is intended to provide a basis for discussion on current developments and future requirements for robust sensors for industrial applications as well as for fundamental research in experimental facilities at elevated pressure and temperature and under potentially hazardous conditions. The topics of the workshop are (not exclusively): -

- Robust sensors and measurement techniques based on electric fields, radiation, ultrasound, magnetic fields and other signal carriers.
- Non-intrusive and minimal-intrusive sensors in pressurised systems
- Methodologies and application examples for robust sensor designs
- Algorithms and hardware solutions for in-line calibration
- Advanced data processing for industrial (test) facilities
- Uncertainty assessment

Contributions are invited for short presentations (12min + 3mins for Q&A) followed by a joint discussion on future prospects. Participation is free of charge, but the number of participants is limited. Please register interest with: Prof. Uwe Hampel, Helmholtz-Zentrum, Dresden-Rossendorf, u.hampel@hzdr.de.

Please forward this Newsletter to colleagues who may be interested. ISIPT Executive Group

International Society for Industrial Process Tomography --- www.isipt.org