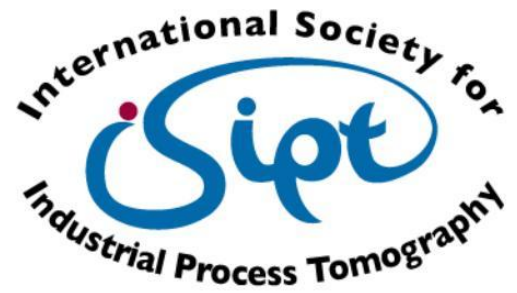

NEWSLETTER

AUGUST 2017



www.isipt.org

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NEW EU TOMOCON 'INNOVATIVE TRAINING NETWORK'

Engagement and Funded PhD Study Opportunities



The NEW European Union 'Innovative Training Network' TOMOCON joins 12 international academic institutions and 15 industry partners, who work together in the emerging field of industrial process control using smart tomographic sensors. The network will lay the scientific and technological fundamentals of integrating imaging sensors into industrial processes and will demonstrate its

functional feasibility on lab and pilot-scale applications. The Network provides support for 15 PhD doctoral candidates who will be trained and work in the fields of process tomography hardware, software and algorithms, control systems theory and design, industrial process design, multi-physics modelling and simulation, human-computer interaction, and massive parallel data processing. Candidates can be of any country or nationality, subject to Early-Stage Researcher conditions, and must be willing to undertake specified trans-national mobility activities. **Further details may be obtained at: www.isipt.org/news.** Please see important information at the head of the note (this document may be revised or deleted after the application deadline date).

FORTHCOMING WORLD CONGRESS - 2018



We look forward to ‘landing’ in September 2018 at an impressive conference venue with the added tourist bonus of the sights of Bath and beyond. Our Congress provides a platform for researchers and industrial users in IPT to review significant progress through paper and poster presentations; see industrial demonstrations; share views; and join in collaboration. It addresses major themes in IPT and its related science and technology; as well as reporting significant progress in foundational topics. It will specifically encourage reporting of pioneering industrial applications, both in terms of technology solutions, and in wider IPT impact on process performance. We aim to attract the world’s leading research teams and exploiters of IPT technology including exhibitors of current products.

2017		2018	
2 October	Preliminary Call for Papers	4 March	Deadline for abstract submission
4 December	WC-IPT-9 Website Live	9 March	Notification of acceptance
4 December	Call for Papers	13 May	Deadline for papers submission
		1 June	Early bird registration opens

Planning for WC-IPT-9 - please plan to attend WC-IPT-9..

- **Researchers:** please plan to present your major new IPT work.
- **Industrial users:** please plan to attend to steer research and learn of new developments.
- **Instrumentation providers:** please plan to sponsor the event and exhibit IPT products.
- **Young and student members:** reduced fees will be available to support your attendance, please plan to submit advanced work as posters or papers.

Further details will be circulated with the Call for Papers soon. **Preliminary Information** on travel, the venue, and the many varied tourism opportunities can be found at: www.isipt.org/events.

ARE YOU IN OUR WC-IPT-10 2020 WORLD?

As a global organisation we aim to hold our major meetings around the planet. Our last World Congress was in Brazil – our first visit to South America - in geographic within the Longitude sector 180°W to 60°W. Our next WC in the UK is within the sector from 60°W to 60°E. Hence our following World Congress in 2020 should ideally be within the sector 60°E to 180°E. This includes many states such as **Australia, China, India, Korea, Malaysia, New Zealand, Singapore, etc.**



We invite all members within this sector to consider mounting our World Congress-10 in 2020.

Our World Congress events clearly require considerable organisation. Major support is available from the ISIPT; see: www.isipt.org/events and use the **Propose an Event** link. An overview with a downloadable Guide-note provides a brief template of questions for direct use in a proposal. To propose mounting a WC please simply submit an Outline Proposal which provides a short response to each guide-note question, plus a few images of the venue, the city and area, etc.

For the selected proposal further support is then available to assist with financial planning and general logistics. The ISIPT will also provide a specific publicity website (linked to our main website) ISBN registration for proceedings and later uploading of papers to our Open-Access publications library. A planning spreadsheet is available to highlight main costs and predict ‘break-even’ numbers needed. Please submit any questions and Outline Proposals to: events@isipt.org.

Outline proposals for WC-IPT-10 are required by 31 January 2018. If there is more than one good quality outline proposal the Executive Team may consult with all proposers, and/or offer all members an on-line ballot selection. A final decision will be made in good time for the selected proposal to be refined into a more detailed plan for presentation at WC-IPT-9 in September 2018.

RECENT AND FUTURE FOCUSED SYMPOSIUM EVENTS

Recent Focussed Symposium Event



A Focussed Symposium ‘Sandpit Workshop’ on Real-time State and Performance from IPT Data for Process Control (FSIPT-17-1) was held at the Kensington Campus of Imperial College, London, UK on 19-20 April 2017 with 17 attendees.

This was the first of our new Focussed Symposia Series. The Programme consisted of 4 sessions: 3 Technical sessions and a final session briefly addressing Collaborative Opportunities. Technical Sessions 1 and 2 were on Day 1 (19 April); Technical Session 3 occupied most of Day 2 (20 April) followed by the brief Session 4. A report of the event is on the ISIPT website: www.isipt.org/events. A Working Group has been created for attendees and members.

If you were unable to attend the Workshop or have not responded you can join the Working Group - details are provided in the event report.

Future Focussed Symposium Events

ISIPT has resolved to support an unlimited number of Focussed Symposium Events - designed to explore narrow topics in depth in a wide variety of formats. Importantly these events are designed to avoid internal competition with our biennial World Congress events.

Could you offer a Focussed Symposium event? This may explore a new idea in depth and attract collaborators. Or offer an opportunity for a specific group to share a theme of interest: such as creating a new network; or planning research programmes for regional postgraduate students.

Our Focussed Symposium events are intended to be relatively informal and simple to organise. Support on organising Events in general is available from the ISIPT website at www.isipt.org/events. Use the **Propose an Event** link, where an overview is provided, plus a downloadable Guide-note that provides a brief template of questions for direct use in a proposal. A simple planning spreadsheet can also then be supplied to highlight the main costs and predict 'break-even' numbers needed. Please forward questions or proposals to: events@isipt.org.

PUBLICATIONS NEWS - WC-IPT-8 PROCEEDINGS

Full papers for WC-IPT-8 (Brazil, 2016) have now been added to our website collection which provides public Open Access to all 8 World Congress meetings to date in terms of paper Abstracts.

Full Open Access to all papers for all 8 previous World Congress WC-IPT-1..8 is available to all members when logged in at: www.isipt.org/publications.

WEBSITE UPDATES

Watch out for our new Home Page and further enhanced content for our ISIPT website over the next two months. Our Home Page will offer a more global perspective of the contribution our IPT Science and Technology can make to the World. It will also present an overview message of our Mission linked to Global Challenges with exemplar industry sectors. For each sector the Home Page will provide overviews of IPT technology contributions illustrated by WC paper extracts. Industrial Case Studies will also show a more detailed overview of specific IPT applications.

ISIPT Executive Team - August 2017