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CALL FOR PAPERS

The 10th International Symposium on Turbo Codes & Iterative Information Processing will be held from Monday 3 December to Friday 7 December 2018 in Hong Kong. The symposium will be an opportunity to acquire a broad overview of the current status of advanced research in iterative information processing and its application to information theory and digital communications. All original contributions will be considered, in both theoretical and applied fields. Possible topics for submissions include, but are not limited to, the following:

- Error correcting coding
- Turbo, LDPC and polar codes
- Bit-interleaved coded modulation
- Interleaving and labeling
- Graph codes for compression
- Joint source-channel coding
- Coding for storage
- Iterative detection
- Multi-user and MIMO applications
- Turbo equalization
- Synchronization
- Cooperative communications
- Iterative processing over networks
- Bounds, performance, and convergence
- Iterative signal processing algorithms
- AMP and compressed sensing algorithms
- Bayesian inference and factor graphs
- Chip applications
- Applications in bio-informatics
- Data fusion

This symposium will have special sessions focused on the current and future trends in modern forward error control coding and iterative signal processing.

The symposium will include regular papers for oral and poster sessions as well as invited papers. Accepted and presented papers/posters will appear in the symposium proceedings as well as IEEEExplore (upon final decision by IEEE).

Submissions

Authors are invited to submit a full manuscript (not exceeding 5 pages) via the symposium website detailed below.

Submission of papers deadline: **June 15, 2018**

Notification of acceptance: **August 15, 2018**

Final papers and early-bird registration deadline: **September 15, 2018**

For further information regarding paper submission, registration, accommodation, and travel, please consult the symposium website at:

<http://www.istc2018.org/>

