# 8th International Symposium on Turbo Codes & Iterative Information Processing
## Bremen, Germany, Aug. 18-22, 2014

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## CALL FOR PAPERS

The 8th International Symposium on Turbo Codes & Iterative Information Processing will be held from Monday August 18 to Friday August 22 in Bremen, Germany. 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. The non-exhaustive list below provides possible topics for paper submissions:

- Error correcting coding
- Turbo and LDPC codes
- Bit-interleaved coded modulation
- Interleaving and labeling
- Graph codes for compression
- Joint source-channel coding
- Coding for storage
- Coding for secrecy
- Detection; iterative detection
- Multi-user and MIMO applications
- Turbo equalization
- Synchronization
- Cooperative Communications
- Iterative processing over networks
- Applications to wireless and optical
- Bounds, performance, and convergence
- Iterative algorithms
- Bayesian inference and factor graphs
- Analog decoders
- Chip applications
- Applications in bio-informatics
- Applications in neurosciences
- Data fusion

**This symposium will have a session dedicated to information- and coding-theoretic investigations of genome structures, its evolution, and related topics.**

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 IEEEXplore (upon final decision by IEEE).

### Submissions
Authors are invited to submit a full manuscript (not exceeding 5 pages) before March 26, 2014 via the symposium website detailed below..

Submission of papers deadline: **April 6, 2014**   **- new deadline ! -**
Notification of acceptance: **May 31, 2014**
Final papers and early-bird registration deadline: **June 15, 2014**

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

**http://www.jacobs-university.de/turbo-symposium-2014**

For symposium-related questions, please use

**turbo@jacobs-university.de**

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