Aim: The aim of the conference is to bring together researchers and practitioners from the industry and academia and provide them with a platform to report on recent advances and developments in the event-based systems and architectures applied in wide spectrum of engineering disciplines including control, communication and signal processing.

Solicited Papers: Research papers reporting on new developments in technological sciences. Industry and development papers reporting on actual developments of technology, products, systems and solutions. Tutorial and survey papers. Work-in-progress papers. In addition, EBCCSP 2015 solicits special session proposals to stimulate in-depth discussions in special areas relevant to the conference theme. Please consult the conference web page for more details.

Topics within the scope of the conference include:

Event-based control & systems

Event-based communication, computing & systems
Event-based and time-triggered communication architectures, Event-based protocols, Flexible time-triggered protocols and architectures, Event-based fieldbuses, Event-based real-time systems, Controller Area Networks (CAN), Complex events detection, Event-based wireless sensor and control systems, Event-triggered and self-triggered real-time task scheduling, Performance evaluation of event-based communication systems, Event-based and adaptive sampling, Cost-aware sampling, Adaptive sampling and sleep mode, Intelligent sampling. Design of event-based sampling criteria. Event-based spatial and spatiotemporal sampling, Intelligent sensors, Send-on-delta data reporting strategy, Event-based communication systems modeling and design, Event-based control applications

Event-based signal processing & systems

Conference Format: The conference will comprise multi-track sessions for regular papers, to present significant and novel research results with a prospect for a tangible impact on the research area and potential implementations; work-in-progress (WIP) sessions; panel discussions on the state-of-the-art and emerging trends, involving leading experts from industry and academia; and public discussion sessions moderated by leading experts in the field of event-based systems.

Submission of Papers: The working language of the conference is English. Two types of submissions are solicited. Long Papers – limited to 8 double column pages in a font no smaller than 10-points. Work-in-Progress limited to 4 double column pages in a font no smaller than 10-points. Manuscripts must be submitted electronically in PDF format, according to the instructions contained in the Conference web site.

Best Paper Award: Best paper awards in the submission categories will be presented at the conference banquet dinner.

Further Information: EBCCSP 2015 Conference Secretariat: Tel: + 48 12 617 3034, Fax: + 48 12 633 2398; Email: contact@ebccsp2015.org

Paper Acceptance: Each accepted paper must be presented at the conference by one of the authors. The final manuscript must be accompanied by a registration form and a registration fee payment proof. All conference attendees, including authors and session chairpersons, must pay the conference registration fee, and their travel expenses.

No-show Policy: The EBCCSP 2015 Organizing Committee reserves the right to exclude a paper from distribution after the conference at IEEE Xplore if the paper is not presented at the conference.

Author’s Schedule:
Deadline for submission of regular and special sessions papers: January 15, 2015
Notification of acceptance of regular and special sessions papers: March 15, 2015
Deadline for submission of work-in-progress papers: March 20, 2015
Notification of acceptance of work-in-progress papers: April 10, 2015
Final manuscripts due – regular and special sessions: May 1, 2015
Final manuscripts due – work-in-progress papers: May 1, 2015

http://www.ebccsp2015.org