

2020 IEEE International Conference on Industrial Informatics
July 12-15, Guangzhou, China

Special Session on
“Engineering of Software Products for Industry”

organized by

Principal Organizer: Anirban Sarkar, National Institute of Technology Durgapur, India,
sarkar.anirban@gmail.com

Organizer 1: Narayan Debnath, Eastern International University, Vietnam,
narayan.debnath@eiu.edu.vn

Call for Papers

Theme:

The discipline of Software Engineering has already established itself as a prime contributor towards sustenance and accelerated growth of infrastructural development process of enterprise system. Major areas of concerns regarding effectiveness of software products in the domains of their applicability generally emanate from the proper lack of understanding of the requirements and formulation of appropriate functional specializations. The complexity has further grown due to wide adoption of distributed computing paradigm in enterprise software. Absence of common consensus on proper process model for enterprise software and together with non-availability of sufficient software methodologies very often makes the software development process difficult for enterprise level industrial software products.

This special session aims at addressing these critical issues concerning the engineering of enterprise software products in the perspective of industrial technology through bringing together the researchers and practitioners from industry and academia. Major areas of prime focus will be formal modeling, functional specifications, verification & validation, performance evaluation etc. The session will also concentrate on state-of-the art research trends making Industrial software products more effective.

Topics of interest include, but are not limited to:

- Business Process Modelling
- Business Intelligence and Big Data
- Interoperability and Service-Oriented Architecture
- Enterprise Software Technologies for Industry
- Trust, Security and Privacy of Industrial Software
- Cloud Computing based Software Development
- Internet and Web-Based Software Development
- Knowledge Engineering for Industrial software
- Tools for Industrial Software Product Development
- Industrial Software Quality Management

Submissions Procedure: All the instructions for paper submission are included in the conference website <https://indin2020.medmeeting.org/en>

Fast track to transactions: INDIN 2020 presents a unique chance of fast-tracking best papers to IEEE Transactions on Industrial Informatics (TII). Authors intended to use the fast track shall submit papers in the form following the transactions requirements: length up to 8 pages, double-column

A good quality paper may be considered for publication in IEEE Transactions on Industrial Informatics (I.F.=7.377) subjects to further rounds of review

IEEE format, without authors' names and affiliations. If the paper is accepted and recommended for the transactions' submission, the authors will be asked to:

- 1) Revise the paper according to the reviewers' comments and submit it to the TII with attached point by point summary of revisions. The paper will be then subject to double blind review process of TII.
- 2) Prepare a shortened, 4 page long version for the INDIN proceedings and submit it by the 'final manuscripts due' deadline of INDIN 2020. This version shall include authors names and affiliations as per the usual INDIN template.

Deadlines:

| | |
|---------------------------------------|----------------|
| Deadline for submission of papers: | March 07, 2020 |
| Notification of acceptance of papers: | April 18, 2020 |
| Final manuscripts due: | May 09, 2020 |