

2021 IEEE International Conference on Industrial Informatics (INDIN2021)

Special Session on

SS 01 - Engineering of Software Products for Industry

organized by

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Call for Papers

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 make the software development process difficult for enterprise level industrial software products.

This special session, titled “Engineering of Software Products for Industry”, 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 focus, but not limited to, will be formal modelling, 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