

# IET Software Call for Papers

**OPEN ACCESS  
PUBLISHING  
NOW AVAILABLE**



## SPECIAL ISSUE ON: Software Engineering Applications to Solve Organisations' Issues

Editor-in-Chief: Hana Chockler, King's College London, UK

Nowadays, organisations handle different types of software engineering applications in order to support their performance. Software engineering involves the integration of various knowledge sources that are in constant change. Therefore, organisations have recognised that software engineering applications are an optimal way to provide solutions, as they are constantly evolving due to new challenges. Some of these challenges include, but are not limited to, how organisations implement agile methods, methodologies, models and standards; data analysis; software architectures; ontologies and human and cultural factors. The development of new proposals on how using software engineering applications to help and support organisations can be advantageous to achieve a continuous improvement within them.

This Special Issue seeks research articles which include original, pertinent and relevant contributions from academy and industry to cover diverse topics reporting state-of-the-art advances, case studies, approaches and techniques, and industry experience. In addition to direct submission, in this Special Issue, we also invite the best articles from the International Conference on Software Process Improvement (CIMPS) 2018 (cimps.cimat.mx), which will take place from October 17 to 19, in Guadalajara, Jalisco, Mexico.

### Topics of interest include, but are not limited to:

- Software improvement in emergent markets
- Process improvement in very small, small, medium and large organisations
- Implementation of agile methods across different models and standards
- Software architectures trends
- Data analysis for organizational decision making
- Implementation of ontologies to develop solutions
- Improvements in software organisations based on human and cultural factors
- Software engineering applications in non-software domains (mining, automotive, aerospace, business, health care, manufacturing, etc.)
- Improvements in security information
- Software Quality Assurance trends
- Implementation of models or standards

Submit your paper to manuscript submission and peer review site via the following link:

[www.ietdl.org/IET-SEN](http://www.ietdl.org/IET-SEN)

Expanded conference papers must include at least 30% new scientific material

### Publication Schedule:

#### Submission Deadline:

1 February 2019

#### Publication Date:

February 2020

#### Lead Guest Editor:

**Jezreel Mejia Miranda**

Mathematics Research Center A.C, Mexico

E: [jmejia@ciamat.mx](mailto:jmejia@ciamat.mx)

#### Guest Editors:

**Mirna A. Muñoz Mata**

Mathematics Research Center A.C, Mexico

E: [mirna.munoz@ciamat.mx](mailto:mirna.munoz@ciamat.mx)

**Ramiro Gonçalves**

University of Trás-os-Montes and Alto Douro, Portugal

E: [ramiro@utad.pt](mailto:ramiro@utad.pt)

**Alvaro Rocha**

University of Coimbra, Portugal

E: [amrocha@dei.uc.pt](mailto:amrocha@dei.uc.pt)

**Jose A. Calvo Manzano**

Polytechnic University of Madrid, Spain

E: [joseantonio.calvomanzano@upm.es](mailto:joseantonio.calvomanzano@upm.es)