

Vienna, Austria  
September 2, 2019

CALL FOR PAPERS

# SPBP'19 Second Workshop on Security and Privacy-enhanced Business Process Management

Co-located with the International Conference on Business Process Management (BPM 2019)

## IMPORTANT DATES

- › Paper submission: May 24, 2019
- › Paper notification: June 28, 2019
- › Camera-ready version: July 12, 2019
- › Workshop: September 2, 2019

## PROGRAM COMMITTEE

- › Massimo Bartoletti, University of Cagliari, Italy
- › Achim D. Brucker, University of Sheffield, UK
- › Tiziana Cimoli, University of Cagliari, Italy
- › Claudio Di Ciccio, Vienna University of Economics and Business, Austria
- › Vladislav Fomin, Vytautas Magnus University and Vilnius University, Lithuania
- › Virginia Franqueira, University of Derby, UK
- › Michael Henke, TU Dortmund University, Germany
- › Ralph Holz, University of Sydney, Australia
- › Christos Kalloniatis, University of the Aegean, Greece
- › Haralambos Mouratidis, University of Brighton, UK
- › Andreas L. Opdahl, University of Bergen, Norway
- › Constantinos Patsakis, University of Piraeus, Greece
- › Günther Pernul, Universität Regensburg, Germany
- › Guttorm Sindre, Norwegian University of Science and Technology, Norway
- › Mark Strembeck, Vienna University of Economics and Business, Austria
- › Roberto Tonelli, University of Cagliari, Italy
- › Xiwei Xu, CSIRO, Australia

## PROGRAM COMMITTEE CHAIRS

- › Raimundas Matulevičius, University of Tartu, Estonia
- › Nicolas Mayer, LIST, Luxembourg

## SCOPE

Despite the growing demand for business processes that comply with security and privacy policies, security and privacy incidents caused by erroneous workflow specifications are regrettably common. This is, in part, because business process management, security and privacy are seldom addressed together, thereby hindering the development of trustworthy, privacy and security-compliant business processes.

The central theme of the workshop is the interplay between business process management, security and privacy management. The goal is to establish a venue to discuss business process privacy and integrity management, for instance by using the merging technologies such as

- › blockchain, smart contracts, and distributed ledgers,
- › distributed process mining,
- › privacy-aware and privacy enhancing technologies,
- › artificial intelligence, and more.

The workshop will also welcome traditional submissions on security and security risk management, including compliance checking, privacy and security policies, monitoring and measuring security activities within business processes.

## TOPICS OF INTEREST (BUT NOT LIMITED)

- |                                  |                                |                                   |
|----------------------------------|--------------------------------|-----------------------------------|
| › Accountability                 | › Economics of audit           | › Privacy-aware process discovery |
| › Authorization                  | › Experience reports           | › Privacy-enhanced processes      |
| › Availability                   | › Formal reasoning             | › Process checking                |
| › Blockchain technology          | › Fraud detection              | › Risk measurement                |
| › Choreography and Orchestration | › Information flow control     | › Security modelling              |
| › Compliance checking            | › Information integrity        | › Security risk management        |
| › Confidentiality                | › Meta-models for analysis     | › Security testing                |
| › Conformance checking           | › Modelling                    | › Usage control                   |
| › Continuous audit               | › Operational decision support | › Workflow forensics              |
| › Cost-benefit analysis          |                                |                                   |
| › Distributed ledger             |                                |                                   |

## SUBMISSION GUIDELINES

Submitted manuscripts

- › must be written in English;
- › must be formatted using the LNBIP format;
- › must be no longer than 12 pages;
- › must be submitted as a PDF document via the EasyChair system (<https://easychair.org/conferences/?conf=bpm2019>);
- › must not substantially overlap with manuscripts that have been published or submitted to another peer-reviewed workshop, conference, or journal.

Submissions will be reviewed by at least three PC members and evaluated on their originality, significance, technical soundness, and clarity of exposition. The accepted workshop **papers will be published by Springer** as a post-workshop proceedings volume in the series **Lecture Notes in Business Information Processing (LNBIP)**.

<https://spbp19.cs.ut.ee>

LUXEMBOURG  
INSTITUTE OF SCIENCE  
AND TECHNOLOGY

LIST

