

# SPBP'20 Third Workshop on Security and Privacy-enhanced Business Process Management

Co-located with the International Conference on Business Process Management (BPM 2020)

## IMPORTANT DATES

- › Paper submission: May 29, 2020
- › Paper notification: June 29, 2020
- › Camera-ready version: July 13, 2020
- › Workshop: September 14, 2020

## PROGRAM COMMITTEE

- › Achim D. Brucker, University of Exeter, UK
- › Josep Carmona, Universitat Politècnica de Catalunya, Spain
- › Claudio Di Ciccio, Sapienza University of Rome, Italy
- › Vladislav Fomin, Vilnius University, Lithuania
- › Virginia Franqueira, University of Kent, UK
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- › Christos Kalloniatis, University of the Aegean, Greece
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- › Fredrik Milani, University of Tartu, Estonia
- › Alex Norta, Tallinn University of Technology, Estonia
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- › Constantinos Patsakis, University of Piraeus, Greece
- › Jens Myrup Pedersen, Aalborg University, Denmark
- › Günther Pernul, Universität Regensburg, Germany
- › Uwe Roth, LIST, Luxembourg
- › Mark Strembeck, Vienna University of Economics and Business, Austria
- › Xiwei Xu, CSIRO, Australia

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- › 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=bpm2020>);
- › 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)**.