

Program of the Dagstuhl Seminar 13481 “Unleashing Operational Process Mining”

Week overview:

	Monday	Tuesday	Wednesday	Thursday	Friday
9:00-10:30	1: Opening	5: Pres3	9: Pres5	11: Pres6	15: Pres8
10:45-12:15	2: Pres1	6: Disc2	10: Disc4	12: Disc5	16: Disc7+Cl
14:00-15:30	3: Pres2	7: Pres4	Excursion	13: Pres7	
16:00-17:30	4: Disc1	8: Disc3	to Trier	14: Disc6	

The program includes two types of sessions: presentation (Pres) and discussion sessions (Disc). The opening session introduces the seminar and the closing session summarizes the seminar and points out to further actions to increase the seminar’s outreach.

Basic seminar data

Meals

- 07:30 – 08:45 Breakfast
- 10:30 – 10:45 Coffee break
- 12:15 – 14:00 Lunch break
- 15:30 – 16:00 Coffee break
- 18:00 – 19:00 Dinner

Session locations

- Plenary sessions (presentation sessions, opening, closing): Saarbrücken room
- Discussion sessions: Karlsruhe room

Opening Session

- Welcome
- Practical details and high-level overview of the week
- Participant introduction round (who are you and why are you here)
- Overview of the process mining field and motivation for discussion slots
- Project possibilities, e.g. Horizon 2020

Presentation Slots

Each talk should take **at most 15min (5min for discussion)**. There are four types: scientific (ST) and industry talks (IT) tool demos (TD), case study (CS).

Pres1 (Chair: Wil)

- *Josep Carmona*:
To unleash, or not to unleash, that is the question! (ST)
- *Teemu Lehto*:
Continuous data-driven business process improvement for SAP Order To Cash process (CS)
- *Geetika Lakshananan*:
Process mining in healthcare: approaches and challenges (IT)
- *Eric Verbeek*:
ProM 6.3 (TD)

Pres2 (Chair: Rafael)

- *Fabrizio M. Maggi*:
Monitoring Business Constraints with the Event Calculus (ST)
- *Stefanie Rinderle-Ma*:
to be announced (ST)
- *Frank Van Geffen*:
Process mining at Rabobank (IT)
- *Massimiliano De Leoni*:
Turning event logs into process movies (TD)

Pres 3 (Chair: Ernesto)

- *Simon Foley*:
Mining the unknown security frontier from system logs (ST)
- *Roland Rieke*:
Predictive Security Analysis@Runtime: Lessons Learnt from Industrial Scenarios (CS)
- *Marcello Leida*:
Big Data techniques for Process Analysis (IT)
- *Jianmin Wang*:
Process mining in Chinese Enterprises (CS)

Pres4 (Chair: Wil)

- *Benoit Depaire*:
Building better simulation models with process mining (ST)
- *Akhil Kumar*:
Benchmarking models, noisy logs (ST)
- *Maria Leitner*:
On the suitability of process mining to produce current-state RBAC models (CS)
- *Thomas Stocker*:
SecSy, security aware event log generator (TD)

Pres5 (Chair: Rafael)

- *Jon Cook*:
Process mining and agile processes (ST)
- *Pnina Soffer*:
Context mining in clinical processes (ST)
- *Minseok Song*:
Outpatient process analysis with process mining (CS)
- *Fluxicon*:
Disco (TD)

Pres6 (Chair: Ernesto)

- *Luciano Garcia-Banuelos*
Beyond Tasks and Gateways: Towards Rich BPMN Process Mining (ST)
- *Anna Kalenkova*
Working with BPMN in ProM (TD)
- *Antonio Caforio*
Knowledge and business Intelligence Technologies in cross-enterprise Environments (CS)
- *Sergey Shershakov*
DPMine/P: modeling and process mining language and a ProM plug-in (TD)

Pres7 (Chair: Wil)

- *Alessandro Sperduti*
PROMPT: Process mining for business process improvement (ST)
- *Fabrizio Maggi*
Declarative process mining w/ ProM (TD)
- *Ronny Mans*
Scientific workflows within the process mining domain (TD)
- *Teemu Lehto*
QPR process analyzer (TD)

Pres8 (Chair: Rafael)

- *Zbigniew Paszkiewicz*
Conformance analysis of inventory processes using process mining (CS)
- *Thomas Stocker*
Mining precise process models for security analysis (ST).
- *Massimiliano De Leoni*
to be announced (CS)
- *Paolo Ceravolo*
Mining collaborative processes (ST)

Discussion Slots

Each discussion slot has two parallel sessions organized as follows.

Disc1	Process mining of multi-perspective models (Chair: Akhil Kumar)	Data quality and data preparation (Chair: Frank van Geffen)
Disc2	Process discovery: Playing with the representational bias (Josep Carmona)	Evaluation of process mining algorithms: benchmark data sets and conformance metrics (Boudewijn van Dongen)
Disc3	Advanced topics in process discovery: on-the-fly and distributed process discovery (Alessandro Sperduti)	Process mining and Big Data (Marcello Leida)
Disc4	Process mining in Healthcare (Pnina Soffer)	Security and privacy issues in large process data sets (Simon Foley)
Disc5	Conformance checking for security, compliance and auditing (Massimiliano de Leoni)	How to sell process mining? (Anne Rozinat)
Disc6	What is the ideal tool for an expert user? (Benoit Depaire)	What is the ideal tool for a casual business user? (Teemu Lehto)

Disc 7: In the discussion Slot 7 on Friday the chairs of the discussions sessions will present the results of their slots and discuss that in the plenary session.