

The Hosts



INC Invention Center

The INC Invention Center is the place where visionaries and planners redefine your company. Whether agile hardware development, stress testing or startup screening, we prepare your company for the future.



Fraunhofer Institute for Production Technology IPT

The Fraunhofer Institute for Production Technology IPT develops system solutions for the interconnected adaptive production. Its clients come from all across the manufacturing industry – ranging from the automotive industry and its suppliers to aerospace and precision engineering and from the optical industry to life sciences and medical technology.



RWTH Chair of Process and Data Science (PADS)

The PADS Chair at RWTH University concentrates on the development of state-of-the-art techniques in the field of process-oriented data analysis, i.e. process mining. The strong connection to the Process Mining Group at Fraunhofer FIT ensures the applicability of the developed techniques in practice.



WZLforum at RWTH Aachen University

Located in Aachen's center for research in engineering sciences, the WZLforum brings together the latest developments from the Laboratory for Machine Tools and Production Engineering, WZL and the Fraunhofer IPT.

The Organization

Date

July 3, 2019

Venue

RWTH Aachen Campus
Production Engineering Cluster
Campus-Boulevard 30
52074 Aachen, Germany

Fee

695,- €

The fee includes conference documents, break refreshments and lunch. Please do not pay prior to receiving the invoice. In case of cancellation of the registration until one week prior to the event, a fee of 100,- € will be charged for administration efforts. For no-shows and late cancellation, the full price will be charged.

Registration

Via the attached form or online until June 26, 2019 at WZLforum. Of course a temporary reservation by phone is possible. In case your written registration doesn't reach us until June 26, 2019 we reserve the right to assign the place that was temporary reserved for you to another interested party. The number of participants is limited. The registrations will be considered by the order of their reception.

Your Contact

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Internet www.WZLforum.rwth-aachen.de

The Event

An Event for ...

specialists and managers of technology-oriented companies, in particular from the areas of technical & production line management, data scientists and corporate development.

Workshop Concept

RWTH Chair of Process and Data Science (PADS) & Fraunhofer-Institute for Applied Information Technology (FIT) – Process Mining Group

Workshop Leadership

Process Mining Group of Fraunhofer-Institute for Applied Information Technology (FIT)

Topic

Modern information systems allow us to track the execution of business processes. They allow us to obtain valuable traces of event data, describing the historical behavior of the process. However, interestingly, when companies aim to get more insights in their business processes, they typically rely on stakeholder interviews, to construct an overview of the process. Process mining techniques allow us to get an overview of the process and to get insights in conformance and performance statistics of the process, on the basis of event data, capturing what actually happened during the execution of the process. In this innovation day, you learn how to get advanced insights in business processes, by means of analyzing historical data captured during the execution of these processes.

The impulse event

- provides an overview of the application possibilities and process-oriented data analysis
- guides the participant in applying the methods for process-oriented data analysis on their own using an industrial case study



Innovation Day

Digital Process Optimization

July 3, 2019

Digital Process Optimization

09.00 Welcome & Introduction

- Digital Process Optimization Vision
- Overview of Various Industrial Use Cases and Best Practices

09.45 Process Mining: An Overview

- A Global Definition of Process Mining
- Application Domains of Process Mining
- Process Mining Basics: Process Discovery, Conformance Checking & Enhancement

11.00 Coffee Break & Discussion

11.15 Workshop Session I: Example Application of Process Mining

- Exploring Process Oriented Data
- Discovering Process Models

12.00 Lunch Break & Discussion

Digital Process Optimization

13.00 Workshop Session II: Example Application of Process Mining

- Applying Conformance Checking
- Advanced Performance Analysis

14.30 Coffee Break & Discussion

14.45 Workshop Session III: Hands-On Data Analysis with ProM

- Apply Process Mining Yourself
- Finding Improvement Points by Means of Data Analysis

16.15 Wrap-up, Next Steps & Final Discussion

17.00 End of the Event

The seminar language is English.

Further Information

Accommodation

Accommodation arrangements can be made at:

aachen tourist service e.v.

Postfach 10 22 51

52022 Aachen

Telefon +49 241 18029-50

E-Mail booking@aachen-tourist.de

Internet www.aachen-tourismus.de

Please note our hotel recommendations at

www.WZLforum.rwth-aachen.de

Further Events in 2019

(Please note that the language of the seminars is German.)

June 3-7

Chief Technology Manager

November 13

Practitioners Day

Strategic Technology Planning

November 14

Practitioners Day Technology Screening

November 21-22

13. Aachener Technology- und

Innovation-Management Conference

Feel free to contact us for further information to upcoming events

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Registration

Innovation Day Digital Process Optimization July 3, 2019

I hereby register for the Innovation Day "Digital Process Optimization" at the fee of 695,- €.

I am a member of the Invention Center.

Name*

First name*

Title

Company*

Position

Department

Street / P.O.Box*

Zip code / City*

Country

Phone*

Fax

E-Mail*

The parking system of the RWTH Aachen requires a parking ticket.
Please provide me with a parking ticket:* yes no

I hereby agree that my name and business address will be registered. Exclusively for the purpose of the organization of the seminar my name and address will be electronically saved.

The information will be used to deliver similar offers to your address unless you request not to:

also by E-Mail just by E-Mail

The use of your data for promotional purposes can be contradicted by you at any time.

Signature*

Date*

*Input requested