



**INC
INVENTION
CENTER**



13th Aachen

Technology and Innovation Management Conference

Collaborate to Innovate – Making the Net Work

November 21-22, 2019

Greetings



Univ. Prof. Dr.-Ing. Günther Schuh



Univ. Prof. Dr. rer. pol. Frank T. Piller

A carefully thought-out Technology and Innovation Management (TIM) can no longer be regarded as a luxury, it needs to become an absolute necessity! The core task of TIM is to ensure that technologies (product, production and material technologies) required for innovations are available at the right time and at reasonable costs.

In order to remain competitive in the long term, it is important for successful companies to continuously create new innovations. However, an exclusively stand-alone development often reaches its limits. Especially radical innovations require an open innovation culture with intensive exchange. The holistic integration of different stakeholders throughout the entire innovation process enables an early identification of potentials and the tackling of new challenges. The proactive development and intensive utilization of partnerships therefore is indispensable for the creation and securing of companies' ability to innovate. Cooperations with customers, suppliers, universities or start-ups are just a few examples of the opportunities that companies today have to drive open innovation forward.



The INC Invention Center is located on the RWTH Aachen Campus – the ecosystem around the WZL of the RWTH Aachen and the Fraunhofer IPT.

The motto of this year's 13th Aachen Technology and Innovation Management Conference is "Collaborate to Innovate – Making the Net Work".

In numerous lectures, you will learn how suitable processes, structures and methods can be designed to create an efficient "Technology and Innovation Management". Apart from keynote speeches and examples from industrial practice, the emphasis will be on the exchange of ideas and opinions among participants. Look forward to the new formats of this year's conference.

You are cordially invited to exchange views and discuss your own experience of Technology and Innovation Management during the conference with both our high-profile speakers and fellow participants.

We are looking forward to welcoming you to the 13th Aachen Technology and Innovation Management Conference in November.

Sincerely yours



Univ. Prof. Dr.-Ing. Günther Schuh
Professor and Managing Director,
Fraunhofer IPT and WZL of the
RWTH Aachen University



Univ. Prof. Dr. rer. pol. Frank T. Piller
Professor and Head of Group Technology
and Innovation Management,
TIME Research Area,
RWTH Aachen University

The Hosts



INC Invention Center

The INC Invention Center located on the RWTH Aachen Campus is the place where visionaries and planners redefine your company. Whether agile hardware development, stress testing or start-up screening, we prepare your company for the future. With specific training offers your employees will become Chief Technology Managers and obtain the necessary equipment in order to achieve the optimum solutions for the challenges they may face. Check your "Innovation Readiness Level" and configure your own program which will give your company the innovation spirit that it needs. As an INC partner you can have an impact on the major topics regarding the focus of our activities in R&D and consortial projects.

www.invention-center.de



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.

www.ipt.fraunhofer.de



Laboratory for Machine Tools and Production Engineering WZL

The Laboratory for Machine Tools and Production Engineering WZL of the RWTH Aachen realizes research and consultancy projects. The aim which is to address production-related issues across the whole production engineering spectrum, has resulted in an extensive field of activities ranging from strategic innovation, production and quality management through to control, machine, manufacturing and measurement technology.

www.wzl.rwth-aachen.de



TIME Research Area

TIME stands for Technology, Innovation, Marketing und Entrepreneurship. The common goal is to impart a valuable, evidence-based knowledge of questions relating to the conception, development, design, commercialization and continuous improvement of new products, services and business models within established and new companies to scientists, practitioners and students. Through the concentration of expertise and experience in the TIME Research Area, it offers a unique mix of knowledge, global networking as well as practical application and transfer experience.

www.time.rwth-aachen.de



KEX Knowledge Exchange AG

The KEX Knowledge Exchange AG is a professional information provider for technology- and market related information. Smart knowledge management systems in conjunction with extensive links to exclusive information sources and a unique network of experts allow for an effective scanning, scouting and monitoring of technologies and markets. The company supports entrepreneurial decisions ranging from identifying competition-relevant technologies through observing markets, competitors and M&A candidates to identifying new business areas.

www.kex-ag.com



WZLforum of the RWTH Aachen

Located in Aachen's world-famous center for research in engineering sciences, the WZLforum brings together the latest developments of the Laboratory for Machine Tools and Production Engineering (WZL) and the Fraunhofer IPT. We help career starters with their entry into the profession and equip personnel from specialists to senior managers with the know-how to put these latest findings into practice.

www.wzlforum.rwth-aachen.de

Our Speakers



Dr. Frank Brandenburg
Head of Global Manufacturing,
Georg Fischer Piping Systems Ltd.



Dr. Ramon Kreutzer
Head of Department
Technology Management
Fraunhofer IPT



Christoph Burkhardt
Innovation Strategist & CEO,
Burkhardt Group



Prof. Dr. Frank T. Piller
Head of Chair Technology
and Innovation Management of
RWTH Aachen University



Dr. Grzegorz Darlinski
Alliance Manager,
Covestro Deutschland AG



Hansjörg Reick
Head of Open Innovation Europe,
The Procter & Gamble Company



Toni Drescher
CEO, KEX Knowledge Exchange AG
Director, INC Invention Center



Prof. Dr. Günther Schuh
Director Fraunhofer IPT and WZL of
RWTH Aachen



Dr. Thiemo Kessel
Head of R&D Quality & Operations,
Continental AG



Dr. Anita Friis Sommer
Senior Innovation Manager,
The Lego Group



The Event



Conference Concept

The aim of the conference is to provide participants with insights into successful approaches in Technology and Innovation Management. The conference will focus on practice-oriented presentations held by high-profile speakers from industry and science in which these approaches will be detailed. Furthermore, interdisciplinary knowledge exchange and the opportunity for networking are key elements in our conference setting. Therefore, the number of overall participants is limited in order to ensure an efficient knowledge transfer between participants and speakers.

Conference Program

The program is designed for one and a half days. The motto of this year's 13th Aachen Technology and Innovation Management Conference is "Collaborate to Innovate – Making the Net Work". The conference includes detailed presentations on successful innovation approaches from both the industrial practice and the research area, ranging from best practices in setting up innovation networks and successfully integrating technology partners to designing cross-company processes and methods for generating ideas.

Target Group for the Conference

The conference addresses specialists and executives of technology-oriented companies, particularly from the sectors Research and Development, Technology and Innovation Management, New Business Development and Strategy, Production as well as Technical Procurement and Management.

Networking

During the breaks, you will have the opportunity to network and discuss issues of your particular interest with fellow participants and speakers. Use the opportunity to get to know each other, to establish new contacts and to enter into dialogues with speakers or employees from one of our institutes.



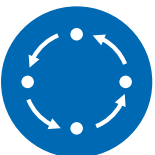
Main Topics



Innovation Ecosystems

How to enhance speed through cooperation in networks

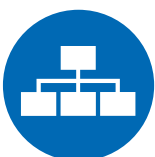
Companies have to develop new unique selling propositions faster than ever. This often requires building up new competences beforehand. Engaging in innovation networks and -ecosystems enables companies to access missing competences in a quick and flexible manner.



Start-up Cooperations

Corporate & Start-up: Combining the advantages of both worlds

Cooperation with dynamic start-ups or SMEs, e.g. through acquisition, investment or project-related cooperation, is an increasingly important approach to overcome the stable structures of large companies and jointly develop new business ideas.



Incubators, Innovation Labs, Company Building & Co.

How to successfully design alternative development paths for radical innovations

Optimizing the core business and simultaneously growing in future fields often fails due to inadequate organizational structures. Incubators, accelerators and innovation garages have established themselves as means to increase the development speed aside the historically grown structures.



Corporate Culture of Innovation

How to build a key factor for future competitive strength

Even the best ideas cannot be launched successfully onto the market when they come up against internal barriers. Dismantling this form of resistance and developing an innovation-friendly corporate culture are among the most important management functions and are key factors for future competitive strength.

The Agenda

Day 1 | Thursday November 21, 2019

09.00 Welcome and Get-Together

09.30 Welcome Speech

Toni Drescher, KEX Knowledge Exchange AG | INC Invention Center
Dr. Ramon Kreutzer, Fraunhofer IPT

09.45 Collaborative Development of Complex Technical Products

- Disruptive innovation require collaboration
- Innovation in highly regulated markets
- Organization and orchestration of technological verticals in start-up companies

Prof. Dr. Günther Schuh, Fraunhofer IPT | WZL at the RWTH Aachen

11.00 Coffee Break

11.15 99% of the Relevant Knowledge Can Be Found Outside the Company's Boundaries

- Industrial cooperation as a critical factor in the initiation and implementation of large-scale projects
- Managing alliances "successfully" and leveraging synergy potential between the parties involved:
A success story from the process industry
- F.A.I.L. = First Attempt In Learning – What role does the right corporate culture play?

Dr. Grzegorz Darlinski, Covestro Deutschland AG

12.00 Agile Innovation – Design and Set-up of a Smart Factory

- Innovating between complementary competences and opposing working cultures
- Goal alignment across multidisciplinary partners in a large-scale project
- Development of a smart factory by iterative generation of incremental prototypes

Dr. Anita Friis Sommer, The Lego Group

12.45 Lunch

14.00 Collaboration as a Success Factor in the Silicon Valley Innovation Ecosystem

- Strategic partnerships: platform integration requires collaboration as a starting point
- The importance of exchange and cooperation in the history of the Silicon Valley
- Don't compete! – How new technologies change our lives

Christoph Burkhardt, Burkhardt Group

15.15 Breakout Session

16.15 Coffee Break + Exposition

16.45 Building and Activating Global Networks – Implementing Radical Transformation

- "Act local" plus "Think global" – On the way to a globally thinking company
- "Not all invented here" – Development of a Best Practice Network in a heterogeneous group of manufacturing companies
- "We don't have time for this" – Dealing with resistance and new challenges

Dr. Frank Brandenburg, Georg Fischer Piping Systems Ltd.

19.30 Soirée at the Uptown Sky Lounge, Inside by Meliá Aachen

Breakout Session

Ask the experts for their approaches to issues of your particular interest!

Day 2 | Friday November 22, 2019

08.30 Welcome Coffee

09.00 Why Does Open Innovation Often Fail in Practice?

- Five specific approaches to improvement – Critical success factors for the implementation of Open Innovation
- Focus methods for a collaborative innovation approach
- Open Innovation platforms: Failed experiment or future hope

Prof. Dr. Frank T. Piller, TIME Research Area at the RWTH Aachen University

10.15 Holistic Open Innovation for Consumer Goods and Services

- Connect+Develop: A strategic approach to collaborative open innovation partnerships
- Every partnership is different – Design for mutual value creation
- Activating and accelerating capabilities to create novel innovation S-curves and business growth

Hansjörg Reick, The Procter & Gamble Company

11.00 Coffee Break

11.30 Organizational Challenges in the Innovation Process – Why Good Ideas Alone are Not Enough

- What is "innovation"? – An organizational sociological discourse
- The right organizational environment is a prerequisite for any successful innovation
- The role of interdisciplinarity and collaboration as a decisive resolution

Dr. Thiemo Kessel, Continental AG

12.15 Wrap-Up

Toni Drescher, KEX Knowledge Exchange AG | INC Invention Center

Dr. Ramon Kreutzer, Fraunhofer IPT

13.00 Networking Lunch

14.00 End of Event



Industrial Collaborative Projects



Work Groups

We work through specific issues relating to Technology and Innovation Management and examine them in-depth with interested companies in a diverse range of work groups. The work groups are an ideal platform for trustfully exchanging ideas and views. You will benefit from the experiences and views of partners from companies working across a range of industrial sectors on issues that are of particular relevance to your company.



Seminars

One-day courses and seminars are held regularly, focusing on selected issues from Technology and Innovation Management. Discover what methods and approaches will lead you to achieve your goals in application-oriented workshops and presentations.

Visit www.wzlforum.rwth-aachen.de



Consortium Benchmarking Studies

We regularly organize consortium benchmarking studies on selected areas of Technology and Innovation Management. We identify success factors in Technology and Innovation Management in international, cross-sectoral studies focusing on the interests of our partners in the consortium. As a partner in the consortium, you have the opportunity to accompany us on visits to the five best companies, thereby gaining profound insights into their processes and methods. Participants in the studies have the chance to measure their own achievements with those of the best and to have their processes and methods benchmarked free of charge.



Individual Business Consultancy

Practice-oriented consultancy and advanced training in Technology and Innovation Management

We advise our customers in all issues relating to Technology and Innovation Management – from conceptualizing to configuring strategies, processes and methods of a customized Technology and Innovation Management.

Business Model Innovation

- What emerging business models are suitable for your company?

Open Innovation

- How can external parties be involved in the innovation process?

Agile Product Development

- How to apply agile methods in hardware R&D and create an added value?

Incubator Set-up

- What are successful configurations for the set-up of alternative development paths?

Technology Forecasting

- Which are the relevant weak signals?

Technology Strategy

- What is your company's future-oriented technological focus?

Technology Planning

- Which technologies are required when?

Setting up Technology and Innovation Management

- How can the technology and innovation process be shaped?

Your contact

Dr. Ramon Kreutzer

Fraunhofer IPT
ramon.kreutzer@ipt.fraunhofer.de

Toni Drescher

INC Invention Center | KEX Knowledge Exchange AG
toni.drescher@kex-ag.com

Organization

Date

November 21-22, 2019

Venue

Pullman Aachen Quellenhof
Monheimsallee 52
52062 Aachen, Germany

Conference Fee

1,400,- € (Early booking 1,200,- € until September 06, 2019)
1,050,- € Special reduced fee starting with the second enrollment per company (Early booking 975,- €)
Conference documents, refreshments during breaks, lunch and evening event are included, but not accommodation or travel expenses. Please do not pay the fee until you have received our invoice. In case of cancellation of your enrollment until one week prior to the event, 100,- € will be charged for administrative expenses. Otherwise the participation fee will be charged in full.

Enrollment

Via attached enrollment form or online until November 14, 2019. Preliminary reservations via phone are welcome. Should your written enrollment not have been received four weeks in advance of the conference, we reserve the right to transfer your preliminary reservation to other interested parties. Enrollments will be processed in the order in which they are received.

Your Contact

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Internet www.wzlforum.rwth-aachen.de

Accommodation

Rooms can be reserved by contacting:

aachen tourist service e.v.
Postfach 10 22 51
52022 Aachen, Germany
Phone +49 241 18029-50
Fax +49 241 18029-30
E-Mail booking@aachen-tourismus.de
Internet www.aachen-tourismus.de

Or directly from the event venue:

Pullman Aachen Quellenhof
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52062 Aachen, Germany
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E-Mail h5327@accor.com
Internet <https://bit.ly/1dAGETm>



Deutsche Bahn Special – Congress Ticket

In cooperation with Deutsche Bahn we offer the opportunity to travel to and from the event in comfort, at an affordable price and in an environmentally friendly train. Your long-distance journey to and from the conference will be powered entirely by green electricity.

Further information is available on our website:
<http://www.wzlforum.rwth-aachen.de/en/trainticket.html>



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Registration

13th Aachen Technology and Innovation Management Conference Collaborate to Innovate – Making the Net Work | November 21-22, 2019

I hereby confirm my participation at the 13th Aachen Technology and Innovation Management Conference
“Collaborate to Innovate – Making the Net Work” at the fee of 1,400,- € (Early booking 1,200,- € until September 06, 2019)
(Special reduced price starting with the second enrollment per company 1,050,- €, until September 06, 2019 only 975,- €)

Surname*	First Name*	Title
Company*	Department*	Position*
Street / P.O. Box*	Zip code / City*	Country
Phone*	Fax	E-Mail*

Please send the filled out form to WZLforum at the RWTH Aachen University, Steinbachstr. 25, 52074 Aachen or send it per fax to +49(0) 241 80 225-75. In case of several registrations please copy the reply card. In addition there is an option to register online at www.wzlforum.rwth-aachen.de. I hereby agree that my name and my business address will be registered. Exclusively for the purpose of the organization of the seminar, and that my name and address will be electronically processed and saved.

Information on data privacy protection: your data will be used for postal submission of similar offers (see GTC).

We would be pleased to send you event information: per email only per email

We may use your data for purposes of advertising per post or per email unless you request not to.

Signature	Date
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*Input requested

Or use our
online registration:



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