



INC
INVENTION
CENTER



INC Invention Center

Program 2019

We Create World Class Innovators

The world is constantly changing. With new products and business models, we are rapidly being seduced to change many aspects of our lives and the way we live together. Megatrends are flowing through our society and changing our demands. The established innovation processes of many companies are almost overwhelmed and often even buried under an avalanche of new developments and trends. We support companies in finding solutions that improve innovation productivity and ensure sustainability.

Our idea: Rethink technology and innovation management and meet the challenges of a digitalized, rapidly changing world.

We empower companies to turn their ideas into innovations quickly, efficiently and in a customer-centered way. The annual INC program has been developed based upon the needs of our growing industrial community. Thus, the program reflects the current topics and challenges of those who are responsible for the answers of the future.

My team and I look forward to seeing you!



Toni Drescher
Executive Director

Contents

Our All-In-One Offer	4
Service Module: Community	7
Recruiting Event	8
Exploration Day	9
Network Talks	10
Annual Member Meeting	11
13 th Technology and Innovation Management Conference	12
Innovative Tuesday	14
The Virtual INC Community	15
Service Module: Acceleration	17
Acceleration as a Service	18
Innovation Workshops	19
INCworX	20
Collaboration Space	22
Service Module: Knowledge	25
Cross Industry Groups	26
Consortium Projects	32
KEX.net	41
Service Module: Education	43
Seminars and Classes	44
INC Locations	53
Membership	54
The Initiators and Scientific Advisory Board	57
Contact	59

Our All-In-One Offer



Community

Guaranteed diversity of perspectives: Our members come from different market segments and technology fields and thus ensure a maximum of different perspectives and approaches to current problems and future challenges in technology and innovation management. They quickly find the right discussion and cooperation partners and have access to the results of current and past innovation projects.



Knowledge

With various network events a year, we actively shape knowledge transfer between science and industry. Our community events give you a comprehensive overview of the current market, technology and management trends. Take part in consortium projects, cross-industrial groups, coaching sessions, start-up screenings or use our workshops to design, organize and optimize your professional technology and innovation management and to broaden and deepen your technology knowledge.



Acceleration

We develop differently. Our agile innovation process is based on a hybrid approach of classic Stage-Gate, Srcum and Design Thinking. Through regular prototyping and customer validation in the Fuzzy Front End, you involve your customers at an early stage and thus achieve a goal-oriented, customer-focused development. Furthermore, we create future-driven customer needs. Conduct your innovation projects rapidly in a protected environment outside of the day-to-day business within our INCworX creative landscape including a collaboration space with access to the campus network of experts and machinery.



Education

From the Practitioner-Day to the Certificate Course: We offer comprehensive education and further training. At our annual Technology and Innovation Management Conference, you'll gain valuable insights into different industries and technology fields and the challenges the industrial partners are currently facing. Within our innovation readiness level (Quick Check) we analyze the strengths and fields of action within your company. The results of our benchmarking will help you optimize your own technology and innovation management.

Service Module: Community

As a member of the INC Invention Center you are part of our growing community of companies from diverse industries. During recurrent community meetings you get the opportunity to exchange with 'the real practitioners' and to explore your personal network. Our virtual community portal allows remote access to the latest news and your TIM network at RWTH Aachen Campus.

Recruiting Event

February 21, 2019

Exploration Day

February 22, 2019

Network Talks

May 15, 2019

July 10, 2019

Annual Member Meeting

November 22, 2019

13th Technology and Innovation Management Conference

November 21 to 22, 2019

Innovative Tuesday

A Tuesday/month

The Virtual INC Community

Recruiting Event

February 21, 2019

In cooperation with the Karrierepool of RWTH Aachen University, we record your requirements as well as your search profiles and find high potentials who perfectly match your requirements. Through our exclusive access to the RWTH Aachen Campus and the nearby institutes, our recruiting event offers the opportunity to get in touch with PhD students as well as the years best 5% students from RWTH Aachen university.

Within an evening event you will get the chance to introduce your company in a short company-pitch. The arranged trade fair area with your company booth and the vacant positions will then invite candidates to get in touch with you in an informal atmosphere.



Exploration Day

February 22, 2019

This year's Exploration Day topic is "Customer Needs – Exploring the known and unknown Requirements". In a oneday workshop, you can try out and apply current methods and approaches to selected case studies. Take the learnings into your company and find solutions, approaches, and impulses for your individual scopes. Join this innovation workshop for the practical transfer of new methods and tools by using case studies.



Network Talks

May 15, 2019 | July 10, 2019

Get an overview of selected lighthouse projects, centers, and startups at RWTH Aachen Campus. In short pitches followed by in-depth discussions, representatives of centers, institutes, companies, and start-ups present their current as well as future research and development projects. Be part of “the next e.GO” and define future cooperations with the involved players of RWTH Aachen Campus. Both network talks will also be partly available via webex (pitches only).



Annual Member Meeting

November 22, 2019

The INC community evaluates new relevant topics across new trends and technologies, on which next year's program is based. Enjoy discussing your innovation challenges with the INC community.



13th Technology and Innovation Management Conference

November 21 to 22, 2019

Technological differentiation and operational efficiency are no longer sufficient to remain competitive in the long term. In many cases, new business models are the basis of disruptive innovation which enables market success. The competence to recognize technological potentials at an early stage, develop them in a targeted way and to convert them into products in the market with the suitable business model will decide whether to achieve success or failure in the future. A prerequisite is a consistent technology and innovation strategy. In numerous lectures from science and industry, you will learn how to design an appropriate technology and innovation management with suitable processes, structures, and methods.



Impressions



Innovative Tuesday

A Tuesday/month

The "Innovative Tuesday" is an interactive network between the local business community, researchers and students in the area of innovation. It is presented by the RWTH Business School, the Chamber of Industry and Commerce and the TIME Research Area of the RWTH Aachen. Welcome a Tuesday evening each month all of you who are interested in innovation management in the INC Invention Center on the RWTH Aachen Campus. All events will be held in English to promote exchange beyond national borders. International students of RWTH Aachen University will participate as well.



The Virtual INC Community

The virtual INC Community is part of the RWTH Aachen Campus virtual network for all companies immatriculated at RWTH Aachen Campus. The community portal offers the INC members a wide variety of information: Up-to-date news, relevant dates and event announcements from the INC Community as well as project documentation can be found within the portal. In addition, the community offers all INC members the opportunity to exchange and network virtually at any time, beyond our physical events.



Service Module: Acceleration

We develop differently. Our innovation process is based on a hybrid approach of classic Stage Gate, Agile Development, and Design Thinking. Through regular prototyping and early customer validation, we achieve a goal-oriented development that focuses on the customer. We offer methods, locations and coaching for a fast implementation of your innovation projects.

Acceleration as a Service

Innovation Workshops

INCworX

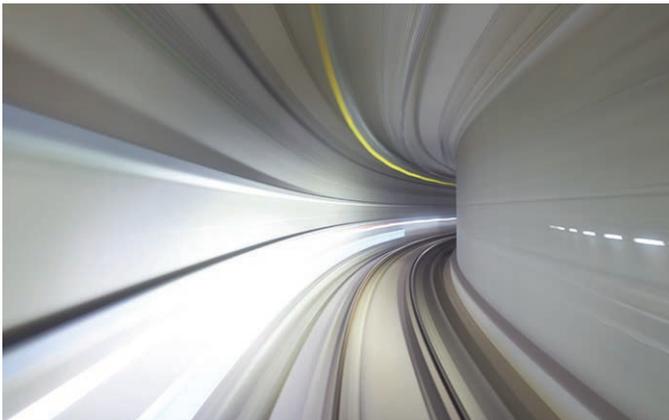
Collaboration Space

Acceleration as a Service

The ability to successfully innovate in a timely manner at little costs becomes a crucial competitive factor across all industries. Yet, companies struggle to systematically explore and develop new business areas outside their core. Often, a lack of competencies in new technologies, development processes that are solely optimized for exploitation activities as well as rigid organizational structures create insuperable innovation barriers.

While transforming the entire organization into an innovation machine is a long-term project, setting-up a separate innovation path that is purely focused on exploring new business areas provides a powerful alternative.

Acceleration-as-a-Service is a structured, outcome-oriented program that allows companies to explore new business areas without the need to change their organization. We provide all the ingredients needed to identify new business opportunities and make them scale: from a network of over 350 institutes, experienced leaders capable to drive development projects and a large machine park to an unique eco-system of industrial partners.



Innovation Workshops

Our workshops constitute the framework for a methodical supporting innovation process – starting with the idea and ending with feasible services, products, and business models. With distance to business routine, we elicit the enthusiasm for innovation amongst your Co-Workers and support them in understanding clients and realizing breakthrough ideas.



Futurize: You don't need to predict megatrends – they already exist!

What is the meaning of megatrends according to your entrepreneurial future? Together we systematically analyze relevant megatrends and derive specific innovation fields.



Inspire: Ideas need enthusiasm!

We vitalize encrusted thinking-processes and enthuse your Co-Workers to change practices, which is a prerequisite for achieving accepted and supported implementation processes in your company. We focus on holistic thinking – starting with the idea and ending with a business model innovation, while the “entrepreneur’s spirit” awakens in your Co-Workers.



Challenge: Reinvent yourself by using our destructive methods!

We identify the disruption-risks of your products, business models and value chain. This relentless outside-in perspective on your company allows exposure to business risks and product substitutions. Hence, you can prevent imminent disruptions of your business at an early stage.

INCworX: The Creative Landscape

The INC Invention Center offers its members broad access to INCworX, a place to realize disruptive innovations. This creative landscape offers room for experiments, inspiration and networking. A real climate of innovation is guaranteed because of the change of perspective that our innovation facility promotes.

Our uniqueness

- Leverage the Fraunhofer and RWTH Aachen University landscape
- Access to technical experts
- Access to technical equipment and machinery
- Professional innovation facilitators

Facilities

- Innovation kitchen
- Modern wine bar
- Innovative trend cube
- Relaxing lounge
- Atelier / shop floor
- Presentation arena with analogue and digital resources
- Prototyping area

Impressions



Collaboration Space

Working together in a large, friendly and open space. Here, Co-Workers can benefit from each other, actively interact with other companies and projects or realize joint projects. In the Collaboration Space, our members have the opportunity to work with us for a longer period of time. Here, we pursue the idea of paving the way for impulses that emerge from very different perspectives on one and the same topic. Quite simply because the innovation managers from the various sectors can easily obtain feedback – for example during a conversation at the coffee machine.

Facilities

- Co-Working & Team Room
- Capacity: 12 people
- Size: 50 qm
- Tables: 2 wooden high-level tables for 4 Co-Workers (rollable), 1 conference-table for 8 Co-Workers
- Design chairs
- Storage

Equipment

- Free Wi-Fi
- Up to 14 whiteboards
- Video conference system (WebEx camera)
- Up to 4 movable 75" touchscreen displays

Impressions



Service Module: Knowledge

With our numerous network events, we actively shape the transfer of knowledge between science and industry. As an INC member, you can participate in consortium projects, cross-industry groups, coaching sessions, the start-up screener, or take advantage of our extensive range of workshops – to design, organize and optimize your professional technology and innovation management and to expand and deepen your knowledge of technology.

Cross Industry Groups

Consortium Projects

KEX.net

Cross Industry Groups 2019

Representatives from different market segments and technology fields come together in Cross Industry Groups to discuss and operate on various topics. Cross Industry transfer of know-how and mutual coaching are the primary areas of focus. We moderate and document the results for you. Below you find an overview of our Cross Industry Groups for 2019.

Digital Transformation. Pilot and Scale

Agile Transformation. From Lighthouse Project to Agile Company

Start-up Screening and Cooperation

Product Development 4.0

TIMEX Topics from Technology and Innovation Management

Your own suggestions of focus topics are highly welcomed.

Digital Transformation. Pilot and Scale

Challenges in the Digital Age

As megatrends, Industrie 4.0 and digitization are omnipresent topics across all industries. However, the required knowledge for planning and implementation of digitization projects is often a limiting factor for the concrete implementation of these trends in companies. Important questions are:

- What are the relevant application areas?
- Which pilot projects should be selected and how can pilot applications be scaled?
- How do I organize the implementation?
- What competencies and technologies do I need?
- Which tools can I use?
- How do I convince my employees and how do I initiate change?

Finding solutions in the community

We discuss and identify success patterns for the implementation of Industrie 4.0 projects in companies. During the implementation of digitization projects, the focus is also on the exchange within the community.



Agile Transformation. From Lighthouse Project to Agile Company

From rigid to agile development

Agile development methods are increasingly used in hardware development. Pilot projects make it possible to gain initial experience and to introduce agile methods in the company. But what happens next? Lighthouse projects are only the first step towards an agile transformation. How can agile ways of thinking and agile methods be implemented in the company in the long term?

Managing agile transformation

We identify roll-out opportunities, develop strategies for agile transformation and collect best practices including typical “failures”. Based on this knowledge, specific recommendations for action can be derived.

Start-up Screening and Cooperation

Advantages of start-up cooperations

Start-up cooperations can serve to strengthen and develop certain business areas or be a classic corporate venturing model for established companies. Especially the identification and selection of suitable Start-Ups as well as the design of long-term cooperation between established companies are usually associated with great challenges: Different cultures, processes and acceptance are key aspects that make cooperation and subsequent integration into the company difficult.

Successful implementation strategy

We focus our activities on the discussion of strategic approaches to screening, access and the selection of suitable Start-Ups. We analyze possibilities for the design of Start-Up cooperation as well as challenges in cooperation with Start-Ups, identify best practices and “failures” and derive recommendations for action.



Product Development 4.0

Challenges on the way to Product Development 4.0

Both, from a product and process perspective, Industrie 4.0 and digitization are having a variety of effects on research and development. A lack of transparency across companies and industries regarding existing implementation approaches makes successful Product Development 4.0 difficult for many companies. However, in order to be able to offer successful and market-driven products or product service systems in the future, it is necessary to create a uniform understanding of the fields of action that have to be addressed within this complex of topics.

The aim of this Cross Industry Group is to identify best practices, methods and tools for the use of Industrie 4.0 in development. Within an interbranch network, you have the opportunity to discuss your own challenges and practical solutions in product development. On this basis, new solution approaches are jointly developed and best practices for the future application of product development are derived.



TIMEX – Topics from Technology and Innovation Management

Industrial working group at the RWTH Aachen

In the TIM Expert Group, innovation and R&D managers from established companies meet to discuss current topics from their fields of activity in mutual exchange with each other and with researchers from RWTH Aachen University. Intensive exchange and networking, interactive learning of innovation methods and joint projects take place in an open atmosphere.

Past and future topics include: Innovation culture, business model innovation, idea selection, TRIZ, futurology, and much more.



Consortium Projects 2019

Through the variety of consortium projects you will obtain an overview of innovative technologies/trends, clarification of issues relevant to you and your partners and elaborate on technologies, market studies, business cases and roadmaps. This will enable informed and swift decision making. These are the trend topics in 2019:

Smart Business Processes

Digitalization in Food & Beverage

Printed Electronics II

Artificial Intelligence

Advanced Robotics & Automation

Future Construction & Buildings

Logistics 4.0 & Digital SCM

Benchmarking: Agile Product Development

Smart Business Processes

Are you aware of how many employees in your company are constantly busy with repetitive or controlling tasks? Around 50 % of all current jobs in the western world could be strongly supported or even replaced by computational processes. Thus, the consortium project focuses on the changes and opportunities offered by digitization in the business areas beyond the changes in production by Industrie 4.0.

Your benefits joining the consortium

- Identification of strategic fields of action on the path to a future successful digital company
- Identification of possible efficiency-enhancing and costsaving measures targeting the various business processes within your company
- Development of guiding principles for the implementation of the identified approaches and processes
- Interdisciplinary, pre-competitive exchange and discussion with 20 selected industry and research partners during several workshops and meetings
- Workshops and training on methodologies in innovation management, process development and other areas

Time period

Q2 2019 - Q2 2020



Digitalization in Food & Beverage

Demand for individualization increases. Unusual tastes, flavors and product sizes are the consequences. The handling of this variety of variants increases complexity and efforts in production. Technological improvements in data analytics, sensor systems, A.I., Blockchain and across other areas open a wide range of solutions. We identify and evaluate about 200 of these solutions and focus on the most interesting ones to cope with your challenges.

Your benefits joining the consortium

- Learn how to utilize digitalization in areas such as quality and process control, management of your supplier network, machines and equipment incl. other areas
- Discover how advanced data analytics can help you to reduce the cost of e. g. customization, quality control, cleaning and labeling
- Leverage the potential of digitalization, develop new business models and offer innovative services to your current and future customers
- Optimize your supply chain and product tracking

Time period

Q1 2019 - Q4 2019



Printed Electronics II

Functionalized 3D-printed components are now feasible by utilizing new processes with unique and potentially disruptive properties for the smart products and services of the future – besides the established 2D & 2.5D based techniques. This is the time to identify suitable applications and additional services to leverage the power of the consortium.

Your benefits joining the consortium

- Learn how to cope with the growing demand of the integration of electronics into low-cost mass and highly complex products
- Gain knowledge on how to make use of innovative production processes like role-to-role, 2.5D & 3D-Printing
- Evaluate your own product portfolio in terms of applying new production processes for further product enhancement
- Assess, which additional functionalities will become feasible through new processes for your own product and service portfolio
- Develop validated roadmaps and functional prototypes

Time period

Q1 2019 - Q1 2020



Artificial Intelligence

Artificial intelligence will constitute a key feature in the future in terms of how people interact with public infrastructure, industrial systems, robotics, consumer products and apps. The automation of intelligent behavior will lead to the creation of future autonomous systems that influence our everyday life and businesses. Are you prepared for the upcoming disruptions?

Your benefits joining the consortium

- Understand the technological building blocks of AI – e. g. text mining, natural language processing and machine vision
- Meet the challenges in the core data science disciplines of machine learning, data and process mining
- Evaluate and benchmark your own technology competencies and obtain support to set priorities of your technologies incl. areas of required competencies
- Outline individual project ideas and expand your research and industry network to drive future collaborative activities
- Optional: Data Science Certification Course

Time period

Q2 2019 - Q1 2020



Advanced Robotics & Automation

Handling the high complexity in the producing industries is becoming more critical due to an increasing number of advanced and diverse processes. Robotics and automation solutions enhance the efficiency and flexibility and are crucial for the support of complex processes.

Your benefits joining the consortium

- Tackle the growing demand for individualization and the massive cost pressure from emerging markets by utilizing new technologies such as Collaborative and Cognitive Robots, Automated Guided Vehicles and Self-Optimization
- Understand where and how to integrate these technologies profitably into your process chain
- Learn how to improve quality and flexibility of your processes while maintaining competitive levels of manufacturing cost and time
- Get access to a large cross-industrial & interdisciplinary partner and expert network

Time period

Q2 2019 - Q2 2020



Knowledge

Knowledge

Future of Construction & Buildings

The construction industry including the supplier and infrastructure sector will leverage future digitization, innovative technologies and new construction methods in order to more effectively drive productivity and efficiency. Trends like 3D printing, advanced project management, new materials, green and modular construction will contribute to these trends.

Your benefits joining the consortium

- Learn how to utilize digitization in domains like planning (BIM), visualization (AR/VR), project management, maintenance, facility management and optimization
- Discover new technologies and materials that support you to respond to demands like climate neutrality, durability and shortage of space in rapidly growing urban environments
- Use the potential of digitization and learn from innovative benchmarks like “The Edge” (Amsterdam) in order to deploy new business models or to offer innovative services
- Expand your network to drive synergies across collaboration partners

Time period

Q3 2019 - Q3 2020



Logistics 4.0 & Digital SCM

Production processes and supplier networks become increasingly complex and diverse due to globalization and individualization. Participation in the project and understanding how the potential of digitalization can be used to handle future challenges in the horizontal and vertical supply chain integration, will enable increased transparency and flexibility of your business processes.

Your benefits joining the consortium

- Learn about new and state of the art solutions in the fields of industrial supply chains, freight transportation and intralogistics processes
- In-depth technological evaluation and implementation guidelines for selected applications such as Predictive Sales, Item-level Traceability, Automated Guided Vehicles and others
- Discover new approaches and technologies that enable improved flexibility, quality and cost-efficiency
- Expand your cross-industrial & interdisciplinary partner and research network for future collaborative activities

Time period

Q4 2019 - Q4 2020



Agile Product Development Consortium Benchmarking

The Consortium Benchmarking “Agile Product Development” aims to identify and benefit from successful and practice-proven solutions and success factors. Get to know the concepts, methods and innovative approaches of the most successful companies applying agile product development. During the entire project, you will gain a broad and detailed insight into proven approaches and learn how to implement successful agile development for physical products.

At the beginning of the benchmarking, we will jointly define the focus areas within the selected thematical complexes. Thereby the process of agile product development will be in the spotlight. As well, it will be highlighted how prototyping works and which methods and tools can successfully be used. Additionally, it is necessary and at the same time challenging to meet the corporate culture prerequisites for integrating agile procedures and their anchoring within the organization successfully. This is associated with the question of how the business environment and infrastructure must should be designed.

Time period

Q1 2019 - Q4 2019



KEX.net The Technology Platform

Become a partner on our digital platform for technology information KEX.net and receive well structured and continuously updated information on all additive manufacturing fields of application, latest technologies, new materials, pre-and postprocessing, technology experts and latest trends.

Content

- Evaluate your potential to apply additive manufacturing processes in your manufacturing value chain of the future
- Avoid to miss any relevant development by receiving monthly updates from our real-time technology monitoring service
- Utilize a well proven selection of visualization and evaluation tools like technology radars and patent analyzers
- Exchange and validate with relevant industrial players and experts from industry, research and academia
- Make the right decisions for your company at perfect cost efficiency utilizing the power of a unique knowledge platform

Time period

Q4 2019 - Q4 2020



Service Module: Education

The INC Invention Center provides a comprehensive advanced training program for expert and executive professionals. We invite you to benefit from our events and to exchange ideas with other practitioners of the TIM community.

RWTH Certificate Course Chief Technology Manager

March 18 to 22, 2019 | Aachen / June 3 to 7, 2019 | Aachen
October 7 to 13, 2019 | Munich

RWTH Certificate Course Chief Innovation Manager

March 25 to 29, 2019 | Aachen

RWTH Certificate Course Agile Innovation

May 13 to 17, 2019 | Aachen

RWTH Certificate Course Business Model Innovation

September 2 to 9, 2019 | Aachen

Innovation-Day Industrial Data Analytics

April 17, 2019 | Aachen

Practitioner-Day Strategic Technology Planning

April 10, 2019 | Stuttgart / May 8, 2019 | Aachen
October 15, 2019 | Stuttgart / November 13, 2019 | Aachen

Practitioner-Day Technology Intelligence

April 11, 2019 | Stuttgart / May 9, 2019 | Aachen
October 16, 2019 | Stuttgart / November 14, 2019 | Aachen

Seminar Lean Innovation

September 18 to 19, 2019 | Aachen

Seminar Introduction Industrie 4.0: The way to a company-specific roadmap

October 22, 2019 | Aachen

Chief Technology Manager (CTM) RWTH Certificate Course

The aim of the Certificate Course “Chief Technology Manager” is to enable participants to implement successful approaches of technology and innovation management in their own companies. Top-class speakers from science and consulting will explain the theoretical foundations as well as successful approaches to selected topics in modern technology and innovation management. The main focus of the CTM is on case studies and exercises in which the participants will specify and apply the theoretical foundations. In addition to the content of continuing education and training, interdisciplinary exchange and networking are in the foreground. The program includes a detailed presentation and deepening of successful approaches from science as well as from industrial practice.

Date

March 18 to 22, 2019 | Aachen
June 3 to 7, 2019 | Aachen
October 7 to 13, 2019 | Munich



Chief Innovation Manager (CIM) RWTH Certificate Course

The Certificate Course “Chief Innovation Manager” combines management methods with successful practical examples in a systematic approach – a rounded program that enables employees to successfully lead innovation and development areas. The tension curve of the course covers all important aspects of sustainable innovation and development management. These aspects are conveyed by modern didactic methods, hence sustainable development of the relevant competencies for the successful management of innovation and development areas is ensured. The program is designed for one week and is divided into the following modules:

- Vision
- Ideation
- Business Model Innovation
- Processes & Tools
- Organization & Culture
- Leadership

Date

October 22, 2019 | Aachen



Agile Innovation

RWTH Certificate Course

The certificate course “Agile Innovation” enables you to successfully introduce and implement agile product development processes. The practices of agile development processes established in software development are reflected and adapted with regard to their applicability in the context of technical products. The effective knowledge building, as well as the critical reflection, is ensured by the integration of guest speakers from industrial practice.

The course contains

- Introduction to basic agile principles
- Learning how to define an agile process framework for technical product development projects
- Introduction of the necessary methods, tools, and roles to perform development sprints
- Comprehensive understanding of how to integrate agile product development processes Presentation and reflection of corresponding integration and hybridization concepts on using your own company examples
- Learning required principles for a cultural change

Date

May 13 to 17, 2019 | Aachen



Business Model Innovation (BMI)

RWTH Certificate Course

A competitive business model is the fundament for successful entrepreneurial action. That is why not only products and technologies have to be continuously improved, but also your own business model. The certificate course “Business Model Innovation” at RWTH Aachen University offers you an introduction to innovation management processes and teaches you BMI tools such as the Business Model Canvas and Rapid Business. You will learn methods of potential recognition with which new business models can be successfully designed and implemented.

As part of our continuing education program, we provide you with results from current research at RWTH Aachen University and leading business schools. On the basis of many interactive cases, practical examples and exercises, we develop and train essential methods with you and prepare you to be able to apply them directly in practice.

Date

September 2 to 6, 2019 | Aachen



Industrial Data Analytics Innovation-Day

As a one-day impulse event, the Innovation-Day provides a general understanding for a successful implementation of data analytics in your company. Participants receive an overview of possible applications and best practices and will be made familiar with the existing challenges in implementing their own initiatives. The Innovation-Day includes both a theoretical part on the current state of the art and a practical part, in which course participants are guided through an industrial case study on their own PC.

- General understanding of the possible applications of industrial data analysis
- Overview of possible applications and best practices
- Methodology for the implementation of a practical case study

Gain an insight into existing and future data analytics applications and learn to leverage the potential of your own data.

Date

April 17, 2019 | Aachen



Strategic Technology Planning Practitioner-Day

An explicitly formulated technology strategy will enable you to set priorities, make the right decisions and use your resources efficiently. The aim of the Practitioner-Day is detailed presentation incl. deepening of the key elements of a successful technology planning, technology strategy, and technology roadmapping. The benefits, content, and procedures of the development of a technology strategy and roadmap will be presented. Moreover, company-specific approaches will be elaborated.

The focus of the workshop will be on practice-oriented lectures based on findings from the Fraunhofer IPT's longstanding consulting practice, combined with work units in small groups. The maximum number of participants is 20.

Date

April 10, 2019 | Stuttgart

May 8, 2019 | Aachen

October 15, 2019 | Stuttgart

November 13, 2019 | Aachen



Technology Intelligence Practitioner-Day

In view of the ever-shorter product and technology lifecycles, the worldwide rapidly growing technological knowledge and new customer requirements in global competition, the need for an early and effective technology detection is steadily increasing. The aim of the Practitioner-Day “Technology Intelligence” is to provide a detailed presentation incl. a deepened knowledge of the essential elements for a successful technology foresight. Therefore, procedures, tools and methods will be presented and specific solutions will be developed interactively in a case study.

The focus of the workshop will be on practice-oriented speeches based on findings from the Fraunhofer IPT's long-standing consulting practice, combined with work units in small groups.

Date

April 11, 2019 | Stuttgart

May 9, 2019 | Aachen

October 16, 2019 | Stuttgart

November 14, 2019 | Aachen



Lean Innovation Seminar

Against the backdrop of competition, successful innovation and development management are becoming increasingly important. The basic idea of Lean Management is to create ‘value without waste’. The holistic approach of the “12 Lean Innovation Principles” has been developed to transfer the Lean Management philosophy into the area of innovation and development management. Development productivity can thus be significantly improved. Lean innovation encompasses the entire development process from innovation strategy, idea generation, product architecture design and development by phasing out the product at the end of its life cycle.

The aim of the seminar is to provide a practical introduction to the subject of lean innovation in order to derive successful implementation across all areas of the product life cycle. The seminar introduces the topic of Lean Innovation and thus provides a basis for the implementation of “Lean Thinking” in innovation and development management.

Date

September 18 to 19, 2019 | Aachen



Introduction Industrie 4.0: The way to a company-specific roadmap Seminar

“The term is simple, but the concept is highly complex. Not all have understood the full scope.” This quote from Prof. Henning Kagermann, President of the German Academy of Engineering Sciences, sums up the problems of many manufacturing companies: Decision-makers have difficulty breaking down the ideas of Industrie 4.0 into concrete goals for their own organization. The aim of the seminar will be to combine theoretical understanding with practical application. The versatile facets of Industrie 4.0 are to be understood in depth and experienced live in a 1,600 m² demonstration factory. In addition, the participants will use their newly acquired knowledge to develop an initial specific implementation strategy for their company. Through an “Industrie 4.0 – Position Determination” and the development of technology approaches, a participant specific roadmap will be developed, guided by experts from the WZL. The results will be reviewed during seminar discussions.

Date

October 22, 2019 | Aachen



INC Locations

Innovations emerge everywhere; therefore, the Invention Center enables you to benefit from the influences, impulses, and experts of different regions and industries not only in the unique ecosystem of the RWTH Aachen Campus but also in the two other innovation hubs of Germany, Berlin and Munich.

With our new location in Hong Kong, one of the most innovative and vibrant cities in Asia, we offer our members the opportunity to work uncomplicatedly and directly in the Asian market and to carry out innovation projects.



Forms of Membership

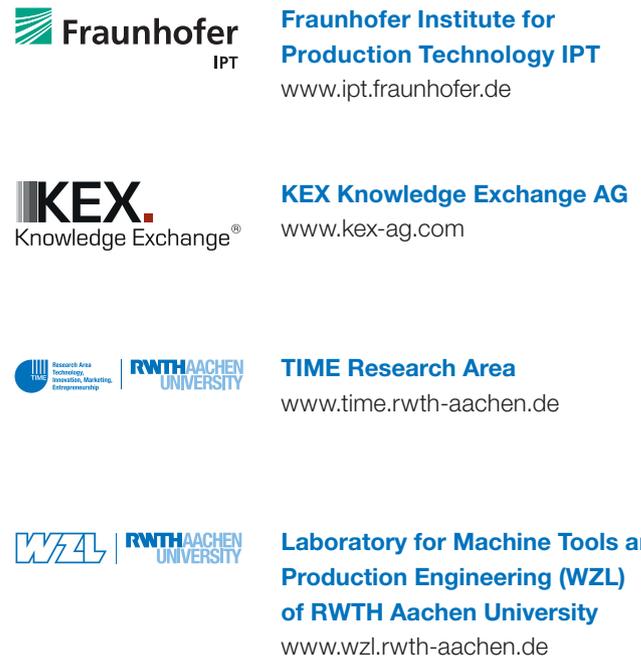
		BASIS € 5,000 p.a.	BUSINESS € 15,000 p.a.	PREMIUM € 45,000 p.a.
Community	Exploration Day Technologies and methodologies	✓	✓	✓
	Network Talks Current research and innovation projects on RWTH Aachen Campus	✓	✓	✓
	INC Virtual Community	✓	✓	✓
	Annual INC Member Meeting Alignment of next year's program	✓	✓	✓
	Annual Technology- and Innovation Management Conference	1 free ticket	2 free tickets	3 free tickets
	Recruiting Event Events and match making within RWTH Aachen Community			✓
	Seat in Steering Committee			✓
Acceleration	Access to INCworX Innovative locations for meetings, workshops, presentations etc.	- 10 %	- 30 %	- 40 % 2 days included
	Access to Collaboration Space in Aachen, Hong Kong, Berlin and Munich			✓
	Acceleration as a Service <ul style="list-style-type: none"> ■ Company building ■ Corporate venturing ■ Disruptive innovation projects ■ Key Account Manager 	On Demand		
Knowledge	Flexible R&D Budget applicable for: <ul style="list-style-type: none"> ■ Bilateral projects ■ Innovation workshops ■ Consortium projects and Cross-Industry Groups ■ Start-up Identification and cooperation projects 		€ 10,000	€ 30,000
Education	Discount on Services and Training <ul style="list-style-type: none"> ■ Practitioner-Days ■ Innovation-Days ■ RWTH Certificate Courses ■ Seminars 	- 3 %	- 5 %	- 10 %

Industry Members



Initiators

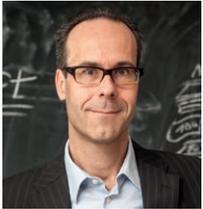
Our office is based on RWTH Aachen Campus, at the very heart of a broad network of experts. Our initiators are key players from industry and research.



Scientific Advisory Board



Prof. Dr. Günther Schuh
Technology Management



Prof. Dr. Frank Piller
Innovation Management



Prof. Dr. Malte Brettel
Entrepreneurship



Prof. Dr. Stefanie Paluch
Service and Technology Marketing

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Sources

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