



**INC
INVENTION
CENTER**



INC Invention Center

Program 2018

We Create World Class Innovators

The **INC Invention Center** on RWTH Aachen Campus is a place for visionaries and future planners to **redefine their business**. Our goal is to **profoundly change the way of innovation** of our customers.

Discover New Possibilities

Create your own ideas, proudly find them elsewhere or use our **“start-up screener”** to find and connect with somebody who already had the idea.

Benchmark your innovation system within cross-industry projects with the best of the best, find potentials for optimization and use our training center to drive your processes forward. Use the whole range of innovation methods and tools to enhance growth.

Drive Innovation

Creativity is born from a need. It is a process, not a product. The best ideas don't emerge when you're alone – they might start that way, but they grow and change with input from others. New experiences, themes and inputs are the things that push you to a new level.

Through a cooperation with key players from research and industry, “INCworX” was born: a creative landscape of 1,000 m² where future planners and decision makers come together, excite creativity and experience the whole innovation process.

Network with Experts

Sometimes you don't need to know everything or do it on your own – but you have to know whom to ask! When talking about innovation, networking is a must. As a partner of the INC you are part of the evergrowing community of industry and research partners and have the opportunity of frequent exchange with ‘the real practitioners’ on RWTH Aachen Campus.

Enhance Your Innovation Skills

In our training center we train your employees up to Chief Technology Manager level. You experience how to transfer agile methods into your hardware development. Our workshops prepare you for the future. Check your own “innovation readiness level” and get answers to the questions you have in mind but don't know whom to ask.

Furthermore, as an INC member you define main areas of interest, to which we align the content of R & D activities and of consortium projects in which you can participate.



Toni Drescher

Director

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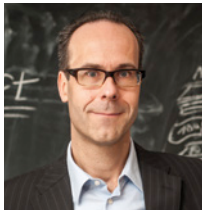
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Our Scientific Board



Prof. Dr. Günther Schuh
Technology Management



Prof. Dr. Frank Piller
Innovation Management



Prof. Dr. Malte Brettel
Entrepreneurship

Our Initiators

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



**Fraunhofer Institute for
Production Technology IPT**
www.ipt.fraunhofer.de



KEX Knowledge Exchange AG
www.kex-ag.com



TIME Research Area
www.time.rwth-aachen.de



**Laboratory for Machine Tools and
Production Engineering (WZL)
of RWTH Aachen University**
www.wzl.rwth-aachen.de

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 projects related to technology and innovation management.



Knowledge

With more than 30 network events a year, we actively shape knowledge transfer between science and industry. The trend days give you a comprehensive overview of current market, technology and management trends. Take part in consortium projects, cross-industrial groups, coaching sessions, start-up screenings or use our extensive workshop offer 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, Scrum and Design Thinking. Through regular prototyping and customer validation in the Fuzzy Frontend, you involve your customers at an early stage and thus achieve a goal-oriented, customer-focused development. 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 a comprehensive education and further training. At our annual Technology and Innovation Management Conference, you'll gain valuable insights into bordering and remote technology fields as well as market segments. Within our innovation-readiness level (Quick Check) we analyze the strengths and fields of action of your company. Benefit from the results and success factors of our benchmarking to optimize your own technology and innovation management.

INCworX: The Creative Landscape on More Than 1,000 m²



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 due to the change of perspective that our innovation facility promotes.

Our uniqueness:

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

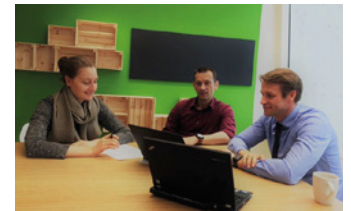
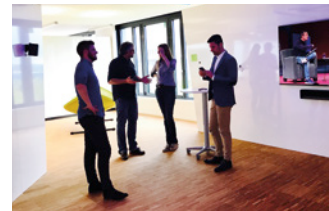
Feeling comfortable:

- Outside day-to-day business
- Comfortable and inspiring interior
- Sheltered room for experiments

Facility includes:

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

INCworX First Impressions



For further information please visit www.invention-center.de

INC Invention Center Goes Global

We proudly announce the opening of our **INC Invention Center Hong Kong** within the HKPC Hong Kong Productivity Council in July 2018. The Collaboration Space in Hong Kong is already accessible giving you the opportunity to roll-out your innovation activities into the fast-growing market China. Here you have the opportunity to work continuously for five days a week, if required, and to network on site with science and industry. The 100 m² Center is equipped with individually configurable workspaces for working in large and small project teams. The access to the INC Invention Center Hong Kong is included in the membership of our premium members. Come with your team to INC Invention Center Hong Kong and use the inspiring environment for new ideas and their quick realization.

Further INC Invention Center openings will follow within the next months.

Are you interested?

Please contact us for further information:

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Our Bilateral Workshops

Technology managers and future planners need certain skills when coping with innovation. To further improve your competences and give you insights into how to change the future of your company, we offer bilateral workshops in five main areas:



Workshop 'Inspire'

Culture, especially innovation culture is still an issue for many companies. Learn how to address the entire range of innovation. We help you developing a holistic thinking to foster business model innovation and wake up your entrepreneurial spirit.



Workshop 'Challenge'

What would happen if your worst nightmare competitor had just one target – to antagonize your company? Are you well prepared to withstand such attack? Go through a stress test and disrupt yourself before somebody else does it.



Workshop 'Futurize'

Imagine you could travel into the future and visit your company – what would you see? Would it still exist? How would it look like? Would you say “well done”? Develop pictures of your future from today's point of view through a systematic breakdown of mega trends.

Advanced Training Program Overview 2018

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

February 20 | October 17

Practitioner-day Strategic Technology Planning

February 21 | October 18

Practitioner-day Technology Foresight

March 5-9 | July 2-6 | October 8-12

RWTH Certificate Course Chief Technology Manager

March 20 | October 24

Innovation Day Industry 4.0

March 21

Innovation Day Additive Manufacturing

May 14-18

RWTH Certificate Course Chief Innovation Manager

September 19

Practitioner-day Technology and Competence-based Diversification

September 20

Practitioner-day New Business Model Innovation

October 25-26

12th Technology and Innovation Management Conference

For further information: www.invention-center.de/veranstaltungen

Practitioner-day Strategic Technology Planning

Promoter:

Markus Wellensiek, Fraunhofer IPT

By use of an explicitly formulated technology strategy, you set priorities, make the right decisions and use your resources efficiently. The aim of the practitioner-day is a detailed presentation and deepening of the key elements of a successful technology planning, technology strategy and technology roadmapping. Therefore, the benefits, content and procedures for the development of a technology strategy and roadmap will be presented. Moreover company specific approaches will be evolved. The focus of the workshop is on practice-oriented lectures based on findings from the Fraunhofer IPT's long-standing consulting practice combined with work units in small groups. The maximum number of participants is 20.

Date:

February 20 | October 17, 2018

INC Invention Center

Campus-Boulevard 30
52074 Aachen



For further information please visit www.invention-center.de/veranstaltungen

Practitioner-day Technology Foresight

Speaker:

Toni Drescher, INC Invention Center

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 Foresight" is a detailed presentation and deepening 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 is on practice-oriented speeches based on findings from the Fraunhofer IPT's long-standing consulting practice combined with work units in small groups.

Date:

February 21 | October 18, 2018

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Campus-Boulevard 30
52074 Aachen



For further information please visit www.invention-center.de/veranstaltungen

RWTH Certificate Course Chief Technology Manager (CTM)

Promoter:

Toni Drescher, INC Invention Center

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 the modern technology and innovation management. The main focus of the CTM is on case studies and exercises in which the participants will concretise 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 5-9 | July 2-6 | October 8-12, 2018

INC Invention Center

Campus-Boulevard 30
52074 Aachen



For further information please visit www.invention-center.de/veranstaltungen

Innovation Day Industrie 4.0

Speaker:

Patrick Wienert, KEX AG

What does the keyword Industrie 4.0 mean for company? We will show you how to identify your relevant and necessary technologies based on future requirements, and how to develop solution concepts of digitalization.

Learn how to exploit the potential of digitalization for your company by means of a concrete case study and application-proven methods. The aim of the innovation day is to enable you to derive the potential of applications in the context of Industry 4.0 for your company and to identify concrete implementation possibilities.

In small working groups the participants can subsequently apply the presented methods in a case study as well as work out and discuss digital solution concepts.

Date:

March 20 | October 24, 2018

INC Invention Center

Campus-Boulevard 30
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For further information please visit www.invention-center.de/veranstaltungen

Innovation Day Additive Manufacturing

Speakers:

Myron Graw, KEX AG | Frederik Klöckner, KEX AG

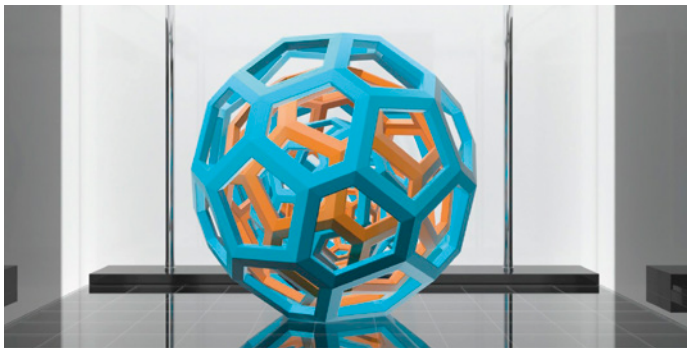
Additive manufacturing offers new performance potentials on technology as well as on the process side. The aim of the innovation day is to qualify you to derive the application potentials of additive manufacturing for your company and to identify specific implementation potentials. The focus of this innovation day is on a practice-oriented introduction, which is based on the findings from science and research, as well as years of consulting experience of Fraunhofer IPT and KEX Knowledge Exchange AG. With the help of case studies a methodology is offered, which enables you to implement the findings obtained in your own company and therefore set free unused potentials. Additive manufacturing is shaping the production and products of the future – find out what it means for your company!

Date:

March 21, 2018

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Campus-Boulevard 30
52074 Aachen



For further information please visit www.invention-center.de/veranstaltungen

Practitioner-day Technology and Competence-based Diversification

Speaker:

Markus Wellensiek, Fraunhofer IPT

Many companies try to compensate for the decreasing appeal of their existing core market by technology and competence based diversification. This includes inter alia the identification of new markets and technologies which fit into the own competence profile. The aim of the practitioner-day is a detailed presentation and deepening of the key elements of a successful diversification: From the diversification strategy through the diversification process to the evaluation and selection process. Approaches, tools and methods will be presented and exemplified with practical examples. In small groups the participants of the practitioner-day can apply and deepen their findings in a case study.

Date:

September 19, 2018

INC Invention Center

Campus-Boulevard 30
52074 Aachen



For further information please visit www.invention-center.de/veranstaltungen

Practitioner-day New Business Model Innovation

Speaker:

Toni Drescher, INC Invention Center

Within the scope of the practitioner-day “New Business Model Innovation“ you will get to know how to analyse consisting business models in a systematic way and how new business models can be generated and implemented. By means of a real-life case study, the business model of a company will successively be deduced and the underlying causal relationships between the different business units will be demonstrated. In the framework of a case study, methods for the identification of innovative business model patterns within and outside the own industry will be mediated as well as concepts of the adaption will be applied to the own company.

Date:

September 20, 2018

INC Invention Center

Campus-Boulevard 30
52074 Aachen



For further information please visit www.invention-center.de/veranstaltungen

12th Technology and Innovation Management Conference Agile Invention

Promoter:

Prof. Dr. Günther Schuh, Fraunhofer IPT

Technological differentiation and operational efficiency are often no longer sufficient to remain competitive in the long term. In many cases, new business models are the basis of disruptive innovation which enable the market success. Above all, the competence to recognize technological potentials at an early stage, develop them in a targeted way and to convert them into products on the market with the suitable business model will decide whether to achieve success or failure in the future. A prerequisite for this is a consistent technology and innovation strategy.

In numerous lectures of speakers from science and industry, you will learn how to design an appropriate technology and innovation management with suitable processes, structures and methods.

Date:

October 25-26, 2018

Hotel Pullman Aachen Quellenhof

Monheimsallee 52
52062 Aachen



For further information please visit www.invention-center.de/veranstaltungen

Impressions of TIM Conference 2017



Member Program 2018

As a member of the INC Invention Center you are part of our growing community of companies. During **recurrent community meetings** you get the opportunity to exchange with 'the real practitioners' and to explore your personal network.

March 13

Trend Day Technology & Market

June 5

Trend Day Management & Methodologies

October 26

INC Member Annual Meeting

December 4

Recruiting Day



For further information: www.invention-center.de/veranstaltungen

Trend & Recruiting Days

Trend Day Technology & Market

This Trend Day focuses on the current technologies of the future. In short presentations, we will provide you with compact knowledge on exciting topics in the field of technologies and markets. In interactive sessions you will find out how different the impact of new technologies can be on your product, your services or business models. Exchange ideas with cross-industrial sparring and discussion partners.

Date: March 13, 2018

Trend Day Management & Methodologies

Modern methods in technology and innovation management – try out! Every year, INC members apply current methods and approaches to fictitious and real case studies. Take the practically learned knowledge into your company and find solutions, approaches and impulses for your individual scopes.

Date: June 5, 2018

Recruiting Day

Meet the high-potentials from the Engineering Valley in Aachen and find your top-class employees of the future.

Date: December 4, 2018

INC Invention Center

Campus-Boulevard 30
52074 Aachen

For further information: www.invention-center.de/veranstaltungen

INC Member Annual Meeting

The member community evaluates new relevant topics around the trends and new technologies, on which next year's program is based. During the annual meetings you get to participate in interactive workshops, where we introduce innovation methods such as "Jobs to be Done", "Design Thinking" or "Walt Disney Method". Keynote speeches about relevant topics complement the day. Enjoy the whole day discussing your innovation challenges, discovering your strategic direction and taking the next steps for successful invention – that is innovation!

Date: October 26, 2018

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52074 Aachen

**To become a member,
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For further information: www.invention-center.de/veranstaltungen

Consortium Projects Overview 2018

In our consortium projects implemented by KEX Knowledge Exchange AG, you receive a well-structured overview on innovative technologies as well as future trends, develop collective issues in your new network of renowned partners and gain in-depth technology and market studies, business cases and roadmaps, which will enable you to well-founded and rapid decision making. These are the trend topics in 2018.

Blockchain for Industrial Applications

Start: March 2018 | Final Report: December 2018

Advanced Materials

Start: April 2018 | Final Report: April 2019

Smart Health & Care

Start: Q2 2018 | Final Report: Q2 2019

Future Mobility & Infrastructure

Start: Q2 2018 | Final Report: Q2 2019

Additive Manufacturing for SME

Start: Q3 2018 | Final Report: Q4 2018

Digitalization in Food & Beverage

Start: Q3 2018 | Final Report: Q2 2019

Printed Electronics

Start: Q3 2018 | Final Report: Q2 2019

To become a member,

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For further information: www.consortium-projects.kex-ag.com

Blockchain for Industrial Applications Trends, Challenges and Chances

In this consortium project you get an understanding of the technologies behind the trend and learn to evaluate relevant use cases:

- Gain an overview of application fields outside of cryptocurrencies like healthcare, logistics, automotive, machine and plant engineering, pharmaceuticals, chemistry, etc.
- Identify specific applications that are relevant for your company like improvement of your supply chain, fraud prevention and elimination of unwanted counterfeits
- Evaluate the technological and economical challenges and chances behind the industry trend

Start: March 2018

Final Report: December 2018

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For further information: www.consortium-projects.kex-ag.com

Advanced Materials

Enabler for New Innovations

In the consortium project Advanced Materials implemented by KEX Knowledge Exchange AG, you discover new Advanced Materials and their potential impact on exciting new products:

- Receive a structured overview of both mature and new, innovative materials like nanomaterials, smart materials, composites, alloys and many more
- Get detailed material studies including the assessment of processability and development potential for selected materials
- Learn about potential applications and benefit from roadmaps for advanced materials
- Network with key players and technology experts along the value chain in order to learn about current needs and focused cross-industrial applications

Start: April 2018

Final Report: April 2019

INC Invention Center

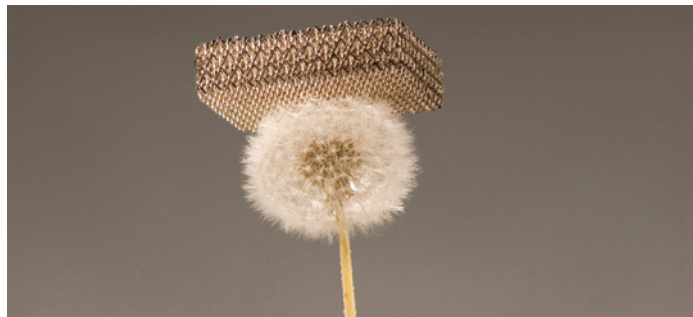
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For further information: www.consortium-projects.kex-ag.com

Smart Health & Care

Production Processes, Products and Services

In this consortium project you evaluate the impact of digitalization and 3D printing on healthcare and homecare products and their production processes:

- Identify the potential of printed electronics and additive manufacturing on new medical products and personalized medicine
- Learn about unforeseen possibilities of artificial intelligence, tele-medicine, robotics and virtual reality
- Learn how to apply data analytics on public information and social media data for product development or service improvement
- Evaluate smart applications and production processes in the areas of health, home care and well-being within a broad network of inter-disciplinary players and experts

Start: Q2 2018

Final Report: Q2 2019

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For further information: www.consortium-projects.kex-ag.com

Future Mobility & Infrastructure Needs, Potentials and Solutions

In this consortium project you improve your strategy for a transition roadmap coping with the massive changes and learn about future technology trends:

- Search for needs and potential solutions with partners from different industries and public authorities
- Define a cross-industrial roadmap for mobility in urban and rural areas
- Get an overview of best practices, applications and concepts
- Cope with latest demands like range extension, next gen batteries, fuel cells and future driving experience
- Receive a detailed technological and economic evaluation of disruptive changes to rate potential threads and identify opportunities

Start: Q2 2018

Final Report: Q2 2019

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For further information: www.consortium-projects.kex-ag.com

Additive Manufacturing for SME From the Idea to the Printed Component

In this consortium project you benefit from the competitive advantages that 3D printing offers through the functionalization of existing and future components:

- Get in-depth knowledge of all materials and processes, including their capabilities and limitations
- Learn the methodology to efficiently and systematically identify suitable 3D printing components and integrate potential added value
- Use our expertise to verify the technological feasibility of your components
- Accompany the process from re-design to manufacturing
- Connect with cross-industry players and experts along the value chain

Start: Q3 2018

Final Report: Q4 2018

INC Invention Center

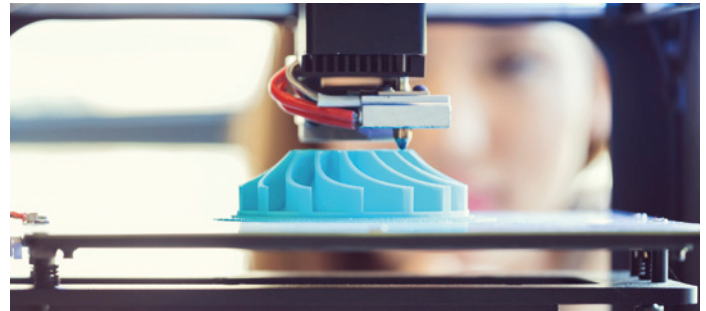
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For further information: www.consortium-projects.kex-ag.com

Digitalization in Food & Beverage Production Processes and Product Enhancement

In this consortium project you get an overview of Industrie 4.0 and IoT applications in the context of food and beverage production & product enhancement:

- Receive digitalization applications across the fields of asset and supply chain management, process and quality control, etc.
- Learn how data processing can help you to lower the costs for individualization, quality control and labeling of your products
- Understand fast growing platforms and eco systems and learn how to participate
- Make use of digitalization, develop new business models and offer innovative services to your customers

Start: Q3 2018

Final Report: Q2 2019

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For further information: www.consortium-projects.kex-ag.com

Printed Electronics The Next Disruptive Step for Smart Products?

In this consortium project you explore the new and unexpected opportunities printed electronics offer to create exciting new or to improve your existing products:

- Receive a structured overview of both mature and new, innovative technologies and processes for 2D & 3D printed electronics
- Understand the technological potentials and constraints to discover the most relevant target markets & applications
- Learn how to systematically identify fields of applications and how to implement these new solutions into your business
- Network with cross-industrial players and experts to discuss future technology and market requirements across industries

Start: Q3 2018

Final Report: Q2 2019

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Cross-Industry Groups (CIG) Overview 2018

Representatives from different market segments and technology fields come together in cross-industry groups to discuss and work out focus topics. Cross-industry transfer of know-how and mutual coaching are the primary focus here. We moderate and document the results for you. Below you find an overview of our Cross-Industry Groups for 2018.

CIG Digital Transformation – Roadmap and Implementation

CIG Agile Development in Process- and Pharmaceutical Industry

CIG Product Development 4.0

CIG TIMEX – Topics from Technology and Innovation Management

CIG Start-up Screening and Match-Making for a Selected Search Field

CIG Automated Monitoring of Technology Trends

Your own topic suggestions are highly welcomed.

For further information: www.invention-center.de/en/offer

CIG Digital Transformation – Roadmap and Implementation

Challenge

- Digitalization as a megatrend and omnipresent topic
- Lack of understanding about the actual implementation of digitalization

Target / Expected Result

- To identify and discuss models which have been proved successful in implementing digitalization in the company
- To ensure that the digitalization within the company concerned is accompanied by the opportunity to swap experience and ideas in the INC community

Approach

- Patent topics to be defined by CIG partners and brief coaching to be conducted by the INC team
- Arrange a kick-off meeting and four networking meetings to discuss problem-solving approaches used in research and practice (Best Practices)
- Possibly invite external speakers specializing in specific priority areas
- Host a networking conference focusing on the latest technologies, procedures and approaches

Duration: approx. 1 year

For further information: www.invention-center.de/en/offer

CIG Agile Development in Process- and Pharmaceutical Industry

Challenge

- Transferring the methods to the process- and pharmaceutical industry is not possible without adaptation, due to the special requirements and general conditions
- The fundamental potential of agile methods in the process- and pharmaceutical industry is often called into question

Target

- Review of the potential of agile development methods and tools
- Elaboration of an agile method- and toolbox for development projects

Approach

- Initial workshop for the identification and discussion of the special requirements of development projects in the process- and pharmaceutical industry
- Review the applicability of specific agile methods and tools
- Workshop for the selection of suitable methods and the joint adaptation of existing methods and tools
- Possibly validate the suitability of the adapted tools and methods in concrete development projects of the partners

Duration: approx. 1 year

For further information: www.invention-center.de/en/offer

CIG Product Development 4.0

Challenge

- Impact of digitization on research & development from product and process perspective
- Lack of cross-company / industry transparency over existing implementation approaches

Possible Topics

- How should the development department be organized for product development 4.0?
- What products are required for the development of smart products?
- Which services can complement products usefully?
- Which business models will help companies to succeed in the future?
- How can the interaction with the customer be improved?

Approach

- Hold a kick-off meeting to define key areas of interest in the project
- Three annual workshops (1,5 days each) at the premises of each of the partners to discuss solutions from practice and research with mutual coaching
- Possibly extend an invitation to external specialist speakers

Duration: continuous (at least 2 years)

For further information: www.invention-center.de/en/offer

CIG TIMEX – Topics from Technology and Innovation Management

Industrial working group at the RWTH Aachen

- Team of experts for technology and innovation management
- The TIME Research Area at RWTH Aachen University offers the opportunity to intensify cooperation and exchange within the framework of a membership in the TIM expert group for a selected circle of companies
- In regular meetings, defined focus topics from technology and innovation management are deepened in lectures, workshops and discussions and a sustainable network of experts is created

Key areas of interest 2018

- TBD

Example topics from 2017

- Experimentation and validation in the business model innovation process
- Corporate Innovation Labs: Success factors in focused innovation environments
- Peer review of the R&D process
- Developing and inventing systematically: The TRIZ method

Duration: continuous

For further information: www.invention-center.de/en/offer

CIG Start-up Screening and Match-Making for a Selected Search Field

Challenge

- Established companies often perceive start-ups as a threat to their own business, but working together with appropriate start-ups involves many potentials
- The discovery and integration of start-ups, which complement one's own company optimally, is often associated with a high effort

Target

- Gain access to the start-up landscape
- Identify opportunities for disruptive growth to protect your business for a selected search field
- Creation of a long- or shortlist and matchmaking between the participating companies and a start-up
- Get actionable data from an independent third party to guide decision making on strategic investments, M&A and more

Approach

- Definition of suitable market and technology segments and research criteria
- Screening of start-ups for the defined search field and relevant criteria
- Presentation of long and short lists of start-ups with specifications
- Selection of start-ups for match-making
- Workshop / pitching with relevant start-ups

Duration: continuous

For further information: www.invention-center.de/en/offer

CIG Automated Monitoring of Technology Trends

Challenge

- The ever-faster technological progress can only be manually monitored with enormous effort
- The mass of available information makes it difficult to identify the information relevant to one's own question efficiently
- Viewing non-relevant or non-usable information causes a non-value-adding effort

Target

- Determine possible indicators which are able to identify change or development as a trend
- Establish possible software tools such as Focused Web Crawler or methods of data analysis to overcome the information overload, e. g. through categorization or preselection
- Selection methods for suitable data sources for trend monitoring

Approach

- Hold a kick-off meeting to define key areas of interest in the project
- Convene at least one working meeting to discuss the previous outcomes and to decide on which direction the next project phase should take
- Possibly extend an invitation to external specialist speakers
- Organize a wrap-up meeting to consolidate project outcomes

Duration: approx. 1 year

For further information: www.invention-center.de/en/offer

Networking Events 2018 (Excerpt)

Within the Collaboration Space, representatives of the centers, institutes, companies and start-ups present their current projects and future research and development projects in short presentations. They are then available for a “consultation hour” and in-depth discussions. Thus, we offer numerous opportunities to network with the 250 institutes, 16 centers and more than 350 registered companies and to find cooperation partners. Each year, between 30 and 50 network events take place. Find an excerpt for 2018 below.

Additive Manufacturing – Design for Additive: How to open our minds?

Speaker: Dr. Kristian Arntz,
ACAM Aachen Center for Additive Manufacturing

Additive Manufacturing – Designed Materials for Additive Manufacturing: Tailoring with Each Part?

Speaker: Dr. Kristian Arntz,
ACAM Aachen Center for Additive Manufacturing

Lived Complexity Management Through the Example of e.GO Mobile AG

Speaker: Dr. Stephan Krumm, Complexity Management Academy

Agile Project Management in the Manufacturing Industry

Speakers: Dr. Stephan Schittny / Jan-Hendrik Kraus,
Complexity Management Academy

From Connectivity to Real-time Cockpit

Speaker: Dr. Rupert Deger, European 4.0 Transformation Center

Simultaneous Engineering Reloaded with Agility

Speaker: Dr. Thomas Gartzen, European 4.0 Transformation Center

Networking Events 2018 (Excerpt)

You Have Strategy When It Hurts Insights in Strategic Technology Planning

Speaker: Markus Wellensiek, Fraunhofer IPT

Stop Being Slow – Be Agile Instead Challenges and Potentials of the Agile Technology Development

Speaker: Stephan Schröder, Fraunhofer IPT

Future Mobility & Infrastructure – From Horsepower to Data

Speaker: Dr. Simon Schiwiek, KEX Knowledge Exchange AG

Advanced Materials – Indestructible, Invisible, Weightless

Speaker: Patrick Neudegger, KEX Knowledge Exchange AG

E-Mobility – Made in Aachen

Speakers: Dr. Johannes Triebs / Jan Ole Hansen,
PEM Aachen GmbH

Mobility of the Future – Electric, Autonomous and Connected

Speaker: Kai Kreisköther, PEM Aachen GmbH

A Leap Forward in Healthcare Excellence

Speakers: Klaus Schopf / Jan Eilers, Schuh Group

Success Factors of “Product Development 4.0”

Speaker: Dr. Sebastian Barg, Laboratory for Machine Tools
(WZL) of RWTH Aachen University

... up to 40 events per year

Impressions of Past INC Events



For further information please visit www.invention-center.de

Forms of Membership

Performance description		BASIS € 5,000	BUSINESS € 15,000	PREMIUM € 45,000
Membership services				
Community	Flexible R&D budget			€ 25,000
	Annual membership meetings	✓	✓	✓
	Seat in INC advisory board			✓
	INC membership portal (expert network)	✓	✓	✓
	Recruiting support (recruiting day, match making)			✓
Acceleration	Collaboration space (co-working, meeting rooms)		✓ Aachen	✓ Global
	Proprietary innovation events (@ INCworX upon availability)		✓ Aachen	✓ Global
	Preferred access to recruiting & marketing		✓ Aachen	✓ Global
Knowledge	Trend days: technology & market, management & methodologies	€	✓	✓
	Frequent on-site knowledge events (acc. to event calendar)	€	✓	✓
	Consortium projects and cross-industry groups	€	€	€
	Integration into public funding and research		✓	✓
	Annual research report and management summary	✓	✓	✓
Education	Preferred participation in INC education program	- 10 %	- 15 %	- 20 %
	Global TIM conference	1 voucher	1 voucher	2 vouchers
	TIM Industrial Benchmarking		✓	✓

✓ Included in membership
 € Access with extra costs

Industry Members



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