

## COINNOVATION DAY 28<sup>th</sup> NOVEMBER 2019

SPREESPEICHER BERLIN



**TECHBRIDGE** Accelerating DeepTech



Federal Ministry of Education and Research

### Enabling co-innovation by connecting startups, researchers & corporates

We are living in the Age of Collaboration! No one can do it alone anymore ...

The COINNOVATION DAY is the partnering conference hosted by the Hightech Accelerator TECHBRIDGE of Fraunhofer Venture.

We bring together a curated network of startups, researchers and corporates as well as accelerators and investors that all are driven by leveraging their innovation efforts through entrepreneurial DeepTech collaboration. The event aims to demonstrate existing cooperations and enable new collaborative projects with a special focus on:

- Industry 4.0
- MedTech
- AgriFood



## agenda (summarized)

### co-innovation day - stage program

1.30	) - 1.40 pm	Opening
1.40	) - 2.00 pm	Expanding Fraunhofer's core business to the startup ecosystem Andreas Aepfelbacher Fraunhofer Venture   Deputy Head of Fraunhofer Venture Niels Dietzsch Fraunhofer Venture   Head of TechBridge
2.00	) - 2.20 pm	Nobody can do I(o)T alone – why we need more co-innovation Dennis Boecker Robert Bosch GmbH & Founder of Chicago Connectory   Global IT Innovation Lead
2.20	) - 3.00 pm	Panel: What makes and breaks collaboration between startups & corporates*
3.15	5 - 4.45 pm	INSIGHTS*
5.00	) - 5.45 pm	ROUNDTABLES*
co-i	nnovation night	- stage program
	) - 6.10 pm	Opening
6.00	) - 6.10 pm ) - 6.30 pm	
6.00 6.10	-	Opening The age of collaboration: startups + corporates = pain or gain? Marek Paczkowski
6.00 6.10	) - 6.30 pm	Opening The age of collaboration: startups + corporates = pain or gain? Marek Paczkowski Match-Maker Ventures   Director
6.00 6.10 6.30	) - 6.30 pm	Opening The age of collaboration: startups + corporates = pain or gain? Marek Paczkowski Match-Maker Ventures   Director STARTUP COLLABORATION AWARD*
6.00 6.10 6.30 7.25	) - 6.30 pm ) - 7.15 pm	Opening The age of collaboration: startups + corporates = pain or gain? Marek Paczkowski Match-Maker Ventures   Director STARTUP COLLABORATION AWARD* Startup Pitches of Fraunhofer-Startup collaboration How Philips builds strategic partnerships with early stage startups Rocco van Berg

# agenda (detailed)

1.30 - 1.40 pm	opening of event Katrin-Cécile Ziegler Moderator   Digital Economist & Journalist
1.40 - 2.00 pm	welcome note Expanding Fraunhofer's core business to the startup ecosystem
	Andreas Aepfelbacher Fraunhofer Venture   Deputy Head of Fraunhofer Venture
	Niels Dietzsch Fraunhofer Venture   Head of TechBridge
2.00 - 2.20 pm	keynote Nobody can do I(o)T alone – why we need more co-innovation Dennis Boecker Robert Bosch GmbH & Founder of Chicago Connectory   Global IT Innovation Lead
2.20 - 3.00 pm	panel What makes and breaks collaboration between startups & corporates
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2.20 - 3.00 pm	What makes and breaks collaboration between startups & corporates Moderation: Darius Moeini Berlin Innovation Agency   CEO & Founder Rocco van Berg Philips HealthWorks   Innovation Lead Veronika Brandt Bosch Software Innovations   Head of Co-Innovation & Startup Harbour Dominik Ewald
2.20 - 3.00 pm	What makes and breaks collaboration between startups & corporates Moderation: Darius Moeini Berlin Innovation Agency   CEO & Founder Rocco van Berg Philips HealthWorks   Innovation Lead Veronika Brandt Bosch Software Innovations   Head of Co-Innovation & Startup Harbour Dominik Ewald Monitorfish GmbH   CTO
2.20 - 3.00 pm	What makes and breaks collaboration between startups & corporates Moderation: Darius Moeini Berlin Innovation Agency   CEO & Founder Rocco van Berg Philips HealthWorks   Innovation Lead Veronika Brandt Bosch Software Innovations   Head of Co-Innovation & Startup Harbour Dominik Ewald

# agenda (detailed)

3.00 - 3.15 pm	opening of program		
	Katrin-Cécile Ziegler		
	Moderator   Digital Economist & Jo	ournalist	
3.15 - 4.45 pm	insights		
(15 min per slot)	Deep dive into Fraunhofer-Startup Collaboration in Microelectronics		
	Florian Ascherl		
	Fraunhofer Venture   Innovation program lead @ FMD-Space		
	A case study about a startu TU Munich & Fraunhofer S		
	Philipp Rinner adiutabyte GmbH   Co-Founder		
	The Venture Client Model:		
	How to innovate with startups at scale		
	Valentin Peters		
	27pilots   Venture Associate		
	Value Creation through startups: Why Corporates and startups do fit!		
	Michael Kramer		
	PwC-Advisory Germany   Partner		
	Hybrid Product Development: New cooperation models		
	Lars Rückemann codecentric   Head of Business Dev	elopment	
	A City's Role in Ending "De	ath by Pilot"	
	Julian Ramirez	5	
	Berlin bound investments in MedT Manager	ech & Digital Health   Project	
5.00 - 5.45 pm	roundtables: What´s next i	n	
5.00 5.45 pm	smart-mobility,	Innovation & Capital?	
	-logistics and -cities?	Ginette Oebel	
	Khodor Kamarieh	Basinghall Partners   Founding	
	DB Digital Ventures   Senior	Partner	
	Analyst Venture Development	Johann Siemes FTTF   Managing Director	
	AgriFood?	MedTech & Health?	
	Dominik Ewald (Monitorfish)	Dr. Gerhard Pohlmann	
	Wolf Goertz (Netrocks &	Fraunhofer ITEM   Coordinator of	
	Innovate!)	the Business Unit Translational Biomedical Engineering	

German Association for Agri-

**Food Innovation** 

# agenda (detailed)

6.00 - 6.10 pm	opening Katrin-Cécile Ziegler Moderator   Digital Economi Niels Dietzsch Fraunhofer Venture   Head o	
6.10 - 6.30 pm	keynote The age of collaborati startups + corporates Marek Paczkowski Match-Maker Ventures   Dire	= pain or gain?
6.30 - 7.15 pm	startup collaboration of Oculavis Fast BT SmartCloudFarming	award Mecorad Noor Medical Monitorfish
7.25 - 7.45 pm	keynote How Philips builds struwith early stage starter Rocco van Berg Philips HealthWorks   Innova	ups
7.45 - 8.00 pm	entertainig speech New Space requires new ways: the first spin- off collaboration from Fraunhofer and DLR Christian Williges ConstellR   COO	
8.00 - 8.15 pm	award ceremony Price Sponsors & Katrin-	Cécile Ziegler
8.15 - 10.30 pm	dinner, drinks, music & ı	networking

## marketplace

#### **INDUSTRY 4.0**



#### oculavis

Process digitization through the use of smart glasses and wearables

Technology field:

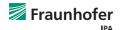
Industry | Production & Maintenance | Augemented Reality

## covertscience

#### covertscience

Flexible, high-performance electronics such as LED lighting systems and rechargeable batteries

Technology field: Flexible Electronics | Microelectronics



## Fraunhofer IPA

Insititute for Manufacturing Engineering and Automation

#### Technology fields:

Digital tranformation | Al in automation | energy storage systems | frugal manufacturing



#### mecorad

Industrial IoT solution for real-time sub-millimeter measuring in various production processes

Technology field:

IIoT | Production & Manufacturing | Sensors

## othermo

#### othermo

Support energy centres in keeping track of operations and efficiently managing plants

Technology field: Energy Management | IoT



### quadcover

Solution to automate the meshing process in e.g. CAD and invent an intuitive interaction concept for mesh design

#### Technology field:

Industry | Product development | Re-engineering | CAD

## Fraunhofer

### Fraunhofer IVV

Insititute for Process Engineering and Packaging

#### Technology fields:

Food | packaging | product performance | processing machinery | recycling

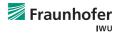


#### Fraunhofer IPK

Insititute for Production Systems and Design Technologies

Technology fields: Virtual product creation

Virtual product creation | production systems | joining and coating technology | automation



## Fraunhofer IWU

Insititute for Machine Tools an Forming Technology

#### Technology fields:

Additive manufacturing | assembly engineerin & robotics | forming | mechatronics | industry 4.0

# marketplace

## **MEDTECH & HEALTH**



#### noor medical

Sterilization of MedTech instruments with solar energy for sub-sahara regions

Technology field: MedTech



#### adiutaByte

Automated, dynamic route planning for outpatient nursing services





## Fraunhofer FEP

Institute for Organic Electronics, Electron Beam and Plasma Technology

#### Technology fields:

Eelctron beam applications | precision coatingm flexible organic electronics | materials analysis



## fast biotechnologies

Detection and containment measures by diagnosing life-threatening super bugs/diseases

Technology field: Health



## Fraunhofer IMS

Institute for Microelectronic Circuits and Systems

#### Technology fields:

ASICs | high temperature electronics | biohybrid systems | CMOS image sensors



## ECOSOPH

Internet of Bioshere Solutions for augmented management and control of natural systems

#### Technology field:

Internet of Bioshere | nano energy | remote sensing | data transmission & analytics

## Fraunhofer

#### Fraunhofer ITEM

Insitute for Toxicology and Experimental Medicine

#### Technology fields:

Chemical safety & assessment, translational biomedical engineering, personalized tumor therapy

## marketplace

## AgriFood



## Agranimo

In-field climate and soil data to improve and forecast farm yields, reduce water & fertiliser consumption & assess climate risks.

#### Technology field:

Smart Farming | Data analytics | Sensors



### Fraunhofer IESE

Institute for Experimental Software Engineering



## Smart Cloud Farming

3D soil maps for precision agriculture

Technology field: Precision Farming | Remote Sensing | AI & Machine Learning



## Fraunhofer IGD

Institute for Computer Graphics Research

#### Technology fields:

Smart farming | smart rural areas | automation & plant engineering | transportation systems



## Fraunhofer IZM

Institute for Reability and Microintegration

#### Technology fields:

Re & smart sensor systems | environmental & reliability engineering | system integration & interconnection technologies

#### Technology fields:

Computer vision | human-computerinteraction | biometrics | underwater vision | medical imaging



## Monitorfish

Smart Livestock Management Platform for Aquaculture

#### Technology field:

Smart Aquaculture | Livestock Management | AI & Machine Learning



#### Fraunhofer IOSB

Institute for Optronics, System Technologies and Image Exploitation

#### Technology fields:

AI & autonomous systems | inspection & optronic systems | energy | environemtal & security systems




# about & contact

**Fraunhofer Venture** is the HighTech company builder responsible for creating spinoffs based on Fraunhofer technology. In addition, Fraunhofer venture supports cooperation between entrepreneurs and Fraunhofer researchers and works closely with FTTF, the Fraunhofer Technology Transfer Fund, that invests in startups based on Fraunhofer technology.

**TECHBRIDGE** by Fraunhofer Venture is our Colnnovation Lab empowering DeepTech startupcollaborations and collaborative venture building between Fraunhofer institutes and external startups & entrepreneurial teams.



#### **Fraunhofer Venture**

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## SEE YOU 28. NOVEMBER



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