

Options for visits in Jena/D for the MinacNed cluster Xs2HiTek 2018 (drafted 13/11/2017)

Institutes	Location	www	Business fields	Innovations
IPHT- Leibniz Institute of Photonic Technology IPHT	Jena	www.leibniz-ipht.de	Photonics for life: <ul style="list-style-type: none"> • Photonic detection • Fibre optics • Biophotonics 	Many (330 empl)
HKI - Leibniz Institute for Natural Product research and Infection biology	Jena	www.leibniz-hki.de	Natural product research, infection biology: The Leibniz Institute for Natural Product Research and Infection Biology (HKI) identifies and investigates natural products produced by microorganisms, mainly fungi, to understand their role as mediators of biological communication and to use them for the elucidation of cellular processes. Furthermore, scientists at the Institute are interested in understanding the pathobiology of human-pathogenic fungi and developing novel natural product-based antibiotics mainly directed against pathogenic fungi.	Bio Pilot Plant: focused on the development, optimization and scale-up of biotechnological processes.
Fraunhofer Institute for Applied Optics and Precision Engineering IOF	Jena	www.iof.fraunhofer.de	<ul style="list-style-type: none"> • Micro and Nano-structuring, • Optics and Photonics Materials, • Coating and Surface Functionalization, • Diamond-Based Ultra-Precision Processing, • Materials Processing Using Ultrashort Laser Pulses, • Micro-Assembly and System Integration, • Laser Development and Non-Linear Optics, • Measurement Methods and Characterization 	New fibre technology centre
Innovent e.V. Technology Development	Jena	www.innovent-jena.de	<ul style="list-style-type: none"> • Surface engineering • Primer and chemical surface treatment • Biomaterials • Magnetic and optical systems 	With User forum: Functionalization of surfaces by Atmospheric Pressure Plasma (ATP)
InfectoGnostics e.V. (Leibniz Institute of Photonic Technology IPHT)	Jena	www.infectognostics.de	Research and development of a technological portfolio for the highly-efficient and quick point- of-care detection of infections and the identification of novel markers in pathogen diagnostics.	<ul style="list-style-type: none"> - one of nine winners of the German funding initiative "Research campus - Public-private Partnership for Innovation" of BMBF - a European centre for infection diagnostics will be established
Septomics - Centre for Innovation Competence (ZIK) (Friedrich-Schiller University)	Jena	www.septomics.de	Sepsis and infection research	combining interdisciplinary systems biology basic research with clinical and translational research
Companies				
ams Sensors Germany/MAZet	Jena	www.mazet.de/en/ www.ams.com	High-performance sensor solutions drive applications requiring small form factor, low power, highest sensitivity and multi-sensor integration. Products include sensor solutions, sensor ICs, interfaces and related software for consumer, communications, industrial, medical, and automotive markets.	JENCOLOR spectral and colour sensors
microfluidic ChipShop GmbH	Jena	www.microfluidic-chipshop.com	Development and production from the single-chip to the series production of simple microfluidic-Chips to the complex Lab-on-a-Chip system.	Lab on a chip!
Cetoni GmbH	Korbußen	www.cetoni.de	Develops and manufactures high-quality products for automation and microsystems technology. In addition to custom and special assembly, the main activity lies in the perfection of its product range for modular actuation and control of fluids.	Microsystems for microfluidics
Dyomics GmbH	Jena	www.dyomics.de	Fluorescent dyes for bio-analytical and hightech applications	

Alere Technologies GmbH	Jena	www.alere-technologies.com	Develops and manufactures novel diagnostic tests that are easy to use and can be carried out in the immediate vicinity of the patients, but also in laboratory settings. The tests developed at the Jena site are primarily designed for patient-oriented and mobile use. The focus is on test methods to identify HIV and tuberculosis.etc.	Target group in development countries; RTD support by Bill Gates Foundation
Analytik Jena AG	Jena	www.analytik-jena.de	Provider of instruments and products in the fields of analytical measuring technology, life science and optoelectronics. Their portfolio includes advanced analysis technology, complete systems for bioanalytical applications in the life science sector and optical high-end consumer products.	
Jenoptik Advanced Systems GmbH Jenoptik Automatisierungstechnik GmbH Jenoptik Industrial Metrology Deutschland GmbH Jenoptik Laser GmbH Jenoptik Optical Systems GmbH Jenoptik Robot GmbH	Jena	www.jenoptik.com	- Optical and micro optical systems and precision components designed to meet the highest quality standards. Jenoptik offers solutions made of optical glass, fused silica and crystals, infrared materials as well as plastic that can be coated for wavelengths from far IR up to DUV. Jenoptik also possesses outstanding expertise in the development and manufacture of micro optics for beam shaping used in the semiconductor industry and laser material processing. -Optoelectronics: Products and Customer-Specific Systems Using the Latest Technology	
Supracon	Jena	www.supracon.com	leading high tech company in the sector of superconducting electronics and has specialized in the development, fabrication, and marketing of ultra-sensitive superconductive sensors, read-out electronics and measuring systems. Primary products – both Low Temperature (LTc) - and High Temperature (HTc) SQUIDs (Superconducting Quantum Interference Devices) – are based on an unique microfabrication technology.	Low Temperature (LTc) and High Temperature (HTc) SQUIDs (Superconducting Quantum Interference Devices)
Oncgnostics GmbH	Jena	www.oncgnostics.com	Young company: Epigenic biomarkers for cancer detection	GynTect
Quantifoil Micro Tools GmbH	Jena	www.quantifoil.com	Quantifoil Micro Tools offers a wide range of support films for transmission electron microscopy (TEM) and other applications.	
Clusters				
OptoNet e.V.	Jena	www.optonet-jena.de	Optoelectronics, photonics	About 100 members
medways e.V.	Jena	www.medways.de	Medical	About 40 members