Call for Papers

The **Silicon Saxony Day 2018** invites proposals for our **Expert Sessions** to be held during the 13th Silicon Saxony Day on **29 May 2018** in **Dresden**, Germany.

Please send your presentation proposal and a short content description (max. half side of DIN A4; name, company and photo of speaker) by email to **Carola Schulze (carola.schulze@silicon-saxony.de)**.

We are searching for innovative developments or products, which will be presented the Silicon Saxony members in our Expert Sessions. In particular, we are searching for presentation proposals in the fields of:

• **Digital Entrepreneurs**

• **From Sensors to Smart Systems**

• **Interoperability for Industrial Internet of Things**

Expert Session 1: Digital Entrepreneurs

How to manage and grow a digital business? The answer to this is manifold and different for each company and market. We will invite experts of the industry to share their stories, experiences and best practices in order to provide guidance and inspiration. Topics of interest a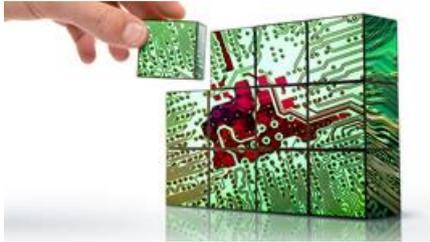re for example proven models for inhouse innovations, the establishment of a living company culture, the recruting of today's top talents, or effective marketing strategies for a B2B software service offering. Founders and decisions makers of software companies and related industries are welcome to join the sessions, involve themselves in lively discussions, and get in touch with each other.

Session Chair:

Dr. Tobias Nestler | DevBoost GmbH
tobias.nestler@devboost.de, +49 351 32123122

Expert Session 2: From Sensors to Smart Systems

"Smart systems" incorporate functions of sensing, actuation, and control in order to describe and analyze a situation, and make decisions based on the available data. This is the basement for the process of "Digitalization",

because our world is becoming ever more connected. Billions of intelligent devices and machines generate massive amounts of data, creating a bridge between real and virtual worlds. Turning these vast amounts of data into value is a key success factor. Saxony is hereby in a leading position within Europe. So, it is a total must to organize the "Smart Systems Session". That is special tailored to the current needs of the latest developments in the field of new sensor- and systems solutions. Furthermore, the attendees will get to know more about new applications.

Session Chair:

Dr. Torsten Thieme | memsfab GmbH
torsten.thieme@memsfab.de, +49 371 5347 680

Expert Session 3: Interoperability for Industrial Internet of Things

Combination of many networked sensors, controllers and actuators to a big interworking automation system needs new paradigms of system design. Re-use and composition of pre-fabricated hardware-software-components on application layer is the only way for efficient design of such complex systems. Interoperability of all components on application level (OSI layer 7 and beyond including semantic interoperability) is the most important precondition. Contributions and presentations are welcome regarding standards, application specifications, semantic descriptions, gateways and adapters, component repositories, stores and marketplaces, tools for device discovery and selection, automatic binding and design, self-x etc..

Session Chair:

Prof. Dr. Klaus Kabitzsch
Dresden University of Technology
Klaus.Kabitzsch@tu-dresden.de, +49 351 463 38289

Schedule

Submission deadline:	23 February 2018
Notification of acceptance:	05 March 2018
Expert Sessions:	29 May 2018