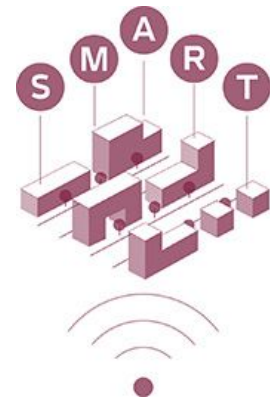


Smart Public Building Project & openHAB Foundation Academic Initiative 2018

October 19-20, 2018 | Hochschule für Technik Stuttgart



Call for Papers

Smart Public Building Project and openHAB Workshops

Innovative smart home technologies are currently gaining more and more user acceptance. Besides being used in private homes, these smart new technologies will complement classical building automation for public and commercial buildings. The Smart Public Building (SPB) Project addresses the needs of public institutions for utilization of smart home technologies. It will develop new approaches and concepts based on an established open source platform for smart home automation (openHAB).

Additionally, the SPB-project will promote a community-building process for universities, institutions and private stakeholders to leverage the different experiences and approaches of smart buildings. For more Information about the Smart Public Building project visit: http://www.hft-stuttgart.de/Forschung/i_city/Handlungsfelder/Explorative-Projekte-i-city/Explorative-Projekt-SPUB/de/

This planned conference and workshop will consist of an academic conference (Friday, October 19th, as part of the **Smart Public Building Project** and the **openHAB Foundation Academic Initiative**) and workshops related to openHAB (Saturday, October 20th). Two parallel workshops for (a.) users in German and (b.) developers in English are planned. The number of participants in the workshops is limited.

The Stuttgart University of Applied Sciences is located in the city center of Stuttgart and can be reached easily via public transport systems.

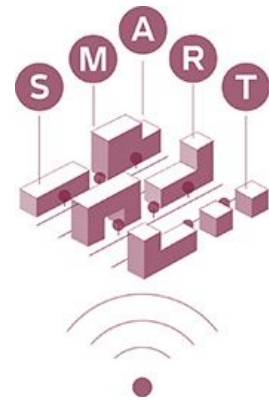
You're well familiarized with the subject of Smart Buildings related to openHAB and want to discuss your experience with academic peers? Then we look forward to your academic paper on one of the following topics:

- automation of Smart Buildings
- cost-/benefit considerations
- Smart Home standards
- Smart Home functions on e.g.
 - comfort and convenience,
 - energy management,
 - security,
 - multi-building management,
 - projects already implemented in smart buildings
- Smart Home technology used in public buildings
- indoor positioning
- openHAB developments (e.g. new bindings, user-management, rules)

Other topics regarding Smart Home and Smart Public Building are welcome.

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Program Committee (PC)

- Prof. Dr.-Ing. Dieter Uckelmann, HFT Stuttgart
- Prof. Dr. Gero Lückemeyer, HFT Stuttgart
- Prof. Dr. Stefan Knauth, HFT Stuttgart
- Jochen Bauer, Lehrstuhl für Fertigungsautomatisierung und Produktionssystematik
- Kai Kreuzer, Founder and President of the openHAB Foundation
- Patrick Fink, openHAB Enthusiast and Organizer of the Developer Workshop

If you are interesting in serving on the Program Committee, please contact informationslogistik@hft-stuttgart.de.

Paper & Presentation

The deadline for submission has been extended. Please send us your **abstract** by **26.08.2018**. The final submission date for your **full paper and presentation** is **30.09.2018**. Please use the easy Easychair website for uploading your submissions: <https://easychair.org/conferences/?conf=spb2018>.

- The conference and workshop language will be English
- The abstract can be submitted as a free formatted text via mail to informationslogistik@hft-stuttgart.de
- The final paper should contain about 5 to 10 DIN A4 pages as a **PDF file** (pictures and graphics should be embedded in the text)
- Papers will be made available as conference-proceedings online
- Best papers will be awarded

Please be aware that you have to bring your own laptop for the workshops.

Registration Fees

Registration fees will be 95,- € for the Academic Conference including lunch break and conference dinner (see <https://koenigsbau-cafe.de/>) and 19,- € for the User-/Developer Workshop.

Please be aware that the Smart Home Day (separate registration required) will take place on October 21st in Ludwigsburg (just 30 minutes from Stuttgart) in conjunction with the following EclipseCon. We look forward hearing from you.

Contact:

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