

openHAB Foundation Academic Initiative: Current state and future activities

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Research & Education on Smart Homes & Smart Buildings

- Shape the future of Smart Buildings!
- Be part of an enthusiastic community!
- Be a smart openHAB academic!

Basics

We are

- Committed to open software and standards
- Eager to share experience and results
- Part of the openHAB Foundation: *"We are a non-profit organisation with the mission to educate the public about the possibilities and benefits of free and open smart home solutions."*

Activities so far

- Defined initial goals
- Today`s conference
- Tomorrow`s workshops
 - openHAB for starters
 - openHAB binding development workshop

Goal 1: Enable and support research & innovations in the Smart Home area

1. through direct collaboration with Universities, Research Centers and other organizations worldwide
 - providing them with support and information on how they can use openHAB in their research projects
2. enabling and supporting researchers through publicly providing information and also supporting them during their research projects
3. through participation in research projects jointly with Universities, Research Centers, etc.
4. other?

Goal 2: openHAB project, community and foundation

1. identify ways to use the academic research results (from projects based on or using openHAB) for the advancement of the openHAB project itself – see, e.g. SPB
2. strengthen the community by regularly providing information about how openHAB also helps create innovation in the Smart Home area
3. encourage non-academic community members to engage in supporting research projects
4. encourage Universities and Scientists to join the openHAB community and the openHAB Foundation
5. enable the communication & collaboration between scientists and community members
6. other?

Ideas so far

1. create something like a “welcome pack for researchers/scientists”
2. come up with what we can provide as support to Universities / Research Centers (e.g. literature list, reviews, ...)
3. create a section on the website dedicated to research & scientific work:
 - include a list of research results
 - enable a communication channel for the interested parties – and actually start a community
 - include the “welcome pack”
 - include information about how openHAB Foundation can support individual researchers and organization
 - update the community regularly about progress in this area, incl. information about new research being published
 - other?
4. reach out to universities that we know have already done significant work using openHAB – and discuss further collaboration
5. after we have initial success with universities/research organizations – reach out on a broader scale to relevant universities having research initiatives in the area of Smart Home
6. other?

Organizational issues

1. Communication
 - ✓ Mail: academic@openhabfoundation.org
 - ✓ Web: <https://community.openhab.org/c/foundation/academic> (shortcut?)
 - ✓ Wiki: <https://community.openhab.org/t/academic-section-on-the-website/34416/>
 - ✓ Slack: openhabfoundation.slack.com
2. Schedule an initial discussion and shape a vision and plan for next steps
3. Reach out to the other Foundation members – share the vision and plan – and encourage interested colleagues to join
4. Structure the “Academic” group and start having regular discussions (maybe monthly?) about what we want to do, track progress, etc.?
5. Other?

Discussion topics

- What future initiatives would be of interest to you?
 - Common lecture material
 - Conference next year
 - Competency matrix
 - Makers spaces
 - Start-up activities
- What would you like to see from the openHAB academic initiative?
- How do we grow the number of active members?

We want you!

- Be part of an enthusiastic community!
- Be a smart openHAB academic!

