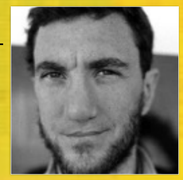
M.-O. Pahl
TUM

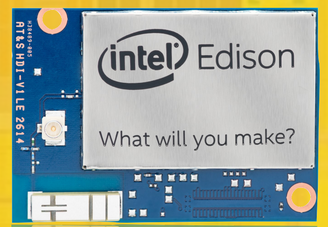


P. Guermonprez
Intel

G. Carle
TUM

2nd Smart Space Orchestration Hands-On

free Friday Nov 21 2014 | 9am - 7pm in English



Get to know how you can program your environments

Visit the website for details

tiny.cc/s2o

09h00 Welcome

09h05 How to make our Physical Spaces Smart?

An overview lecture on Pervasive Computing, Internet of Things, Cyber Physical Systems, Ambient Intelligence.

09h45 The Internet of Things

10h15 Experiencing Real Smart Spaces

Presentation of some real world demonstrators. For details look at the web site.

Juan Haladjian
End-User Development of eTextiles

Sebastian Peters
Intuitive Control of Smart Spaces

Markus Duchon
Smart Energy Lab @ Fortiss

Sunil Ghai
Smart Energy at IBM Research India

Andreas Müller
Predictive Automation for Energy Efficient Buildings

User Interaction

Energy Consumption

Marcel von Maltitz
Enforcing Access Control on Data Streams

Privacy

Jelena Mitic
A Semantic Service Framework for Building Automation Systems

Malte Burkert
The BaaS Model House

Benjamin Hof
Smart Meeting Rooms

Smart Space Enabler

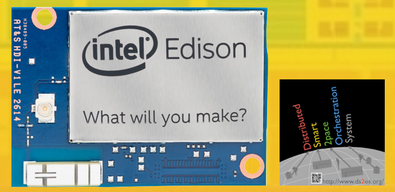
13h00 Software Making for Smart Spaces: DS2OS

The Distributed Smart Space Orchestration System

Here you get to know how all the distributed smart devices can be connected in a simple way.

13h30 Hardware Making: The Intel Edison Platform

Here you get to know how you can build your own smart devices based on the Intel Edison platform.

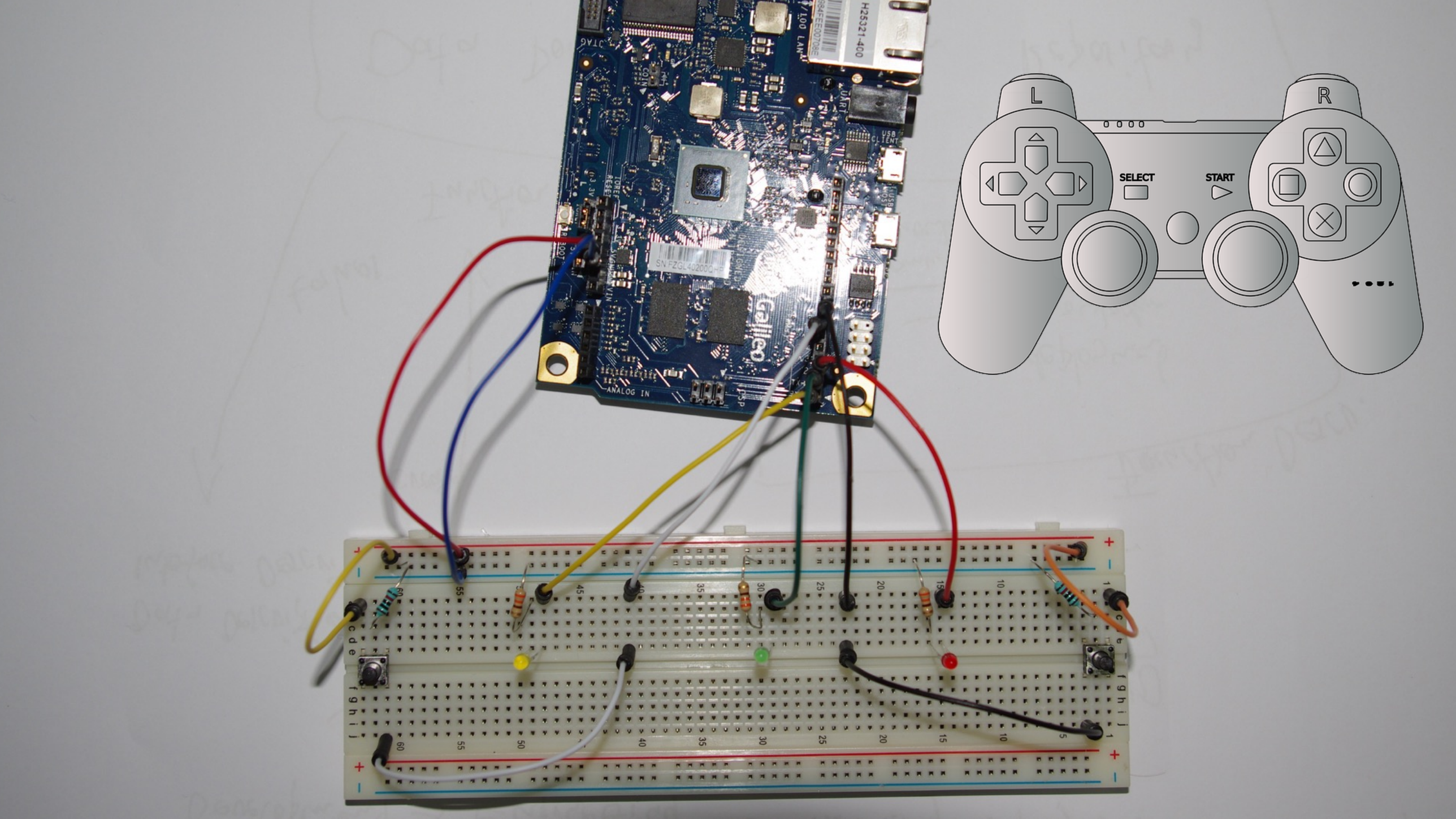


14h00 Hands-On Tutorial and own Experience

Here we will turn the room into a smart space. You will build your own hardware using the provided Intel Edison boards. Connect your devices with the DS2OS platform. After the tutorial you have time to try out the platform a bit more on your own.

16h15- Wrap-up, Discussion, Get-Together

Getting together for some more discussion with some snacks.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A BIG Thank You to

Speaker: Paul Guermonprez, Juan Haladjian, Sebastian Peters, Markus Duchon, Sunil Ghai, Andreas Müller, Marcel von Maltitz, Jelena Mitic, Malte Burkert, Benjamin Hof

LRZ: Helga Tyroller

Intel: Paul Guermonprez, Pierre Collet

TUM staff: Benjamin Hof, Lukas Schwaighofer, Marcel von Maltitz

TUM studs: Philipp Härtinger, Felix Kuperjans, Felix Weißl, Björn Korth, Max Geissler, Andreas Hubel, Benjamin Beier, Bibek Shrestha

RBG: Andreas Jung, Felix Neumann, Martin Meir, Ernst Graf

And especially all I forgot to mention!

Thank you for participating!
It was fun with you ;)