

**7th Management Committee/Working Group
Meeting and Workshop
September 8-9, 2016**

**COST IC1301
WIreless Power Transmission for Sustainable Electronics
(WIPE)**



Venue

**Aalborg University (Novi)
Niels Jernes Vej 14/4-111 (auditorium)
9220 Aalborg SØ**

Preliminary Schedule

September 8. (Thursday)

08:30 - 10:00 Registration & Coffee

10:00 - 10:30 Welcome Session

- Welcome and practical details by Jan Mikkelsen
- Official opening by Nuno Borges Carvalho

**10:30 - 12:00 WG 1 Session: Far-Field WPT Systems
(Chair: A. Costanzo)**

- 10:30 - 10:50 Umut Bulus, "Energy Harvesting from Ambient Wi-Fi Transmissions"
- 10:50 - 11:10 Ming Shen, TBD
- 11:10 - 11:30 Marco Fantuzzi, Alessandra Costanzo, Diego Masotti, "UWB-UHF System with Improved Reader-Tag Distance"

11:30 - 12:30 Keynote – Prof. Jacob Gavan, Holon Institute of Technology, Holon, Israel, "Hybrids, Microwaves and Laser Long Distances Wireless Power Transmission: Concepts, EMI and Biological Effects"

12:30 - 14:00 Lunch

**14:00 - 15:00 WG 2 Session: Near-Field WPT Systems
(Chair: J. Kracek)**

- 14:00 - 14:20 Apostolos Georgiadis, Ana Collado, "Optimization of WPT Systems Transmitting Digitally Modulated Signals"
- 14:20 - 14:40 Jan Kracek, Milos Mazanek, Emmanuel Le Guillou, "Optimization of Magnetic Field of Induction Coil for WPT"
- 14:40 - 15:00 Hugo Santos, "Underwater WPT Design Considerations"

15:00 - 15:30 Coffee break

15:30 – 16:30 Keynote - Mr. Menno Treffers, Chair of the Wireless Power Consortium, "Mass market adoption of wireless power - the importance of non-functional requirements"

**16:30 - 17:30 Continued WG 2 Session: Near-Field WPT Systems
(Chair: J. Kracek) & Partner presentation**

- 16:30 - 16:50 Przemyslaw Kant, Jerzy Michalski, "System Concepts for Autonomous Wireless Charging of WSN Nodes in 3D Space"
- 16:50 - 17:10 Motti Haridim, "Antenna's Near/Far Field Distribution and Region Boundaries"

17:10 - 17:30

Davor Vinko, “Josip Juraj Strossmayer University of Osijek -
Introduction and Research Overview”

19:00 Dinner @ Duus Vinkjælder

September 9th (Friday)

09:00 - 10:20 WG 4 Session: Applications (Chair: L. Roselli)

09:00 - 09:20

Jasmin Grosinger, “RFID Research Projects and Activities at
the Graz University of Technology”

09:20 - 09:40

Biljana Stojkoska, “Localization Issues in Wireless Sensor
Networks”

09:40 - 10:00

Lukas Goertschacher, Jasmin Grosinger, H.N. Kahn, D.
Amschl, P. Priller, U. Muehlmann, W. Bösch, “UHF RFID
Reader Prototype for Narrowband Localization of Batteryless
Tags”

10:00 - 10:20

Giacomo Paolini, “An Agile RFID Reader for Tracking Elderly
People Occupancy in Indoor Environments”

10:20 - 11:00 Keynote – TBC

11:00 - 11:30 Coffee break

11:30 - 11:50 Partner presentation

11:30 - 11:50

Jan Mikkelsen, “New Laboratory Facilities at Aalborg
University”

11:50 - 12:30 Student paper contest & Closing session

12:30 – 14:00 Lunch

14:00 – 16:00 MC Meeting

16:00 End of meeting

Practical information

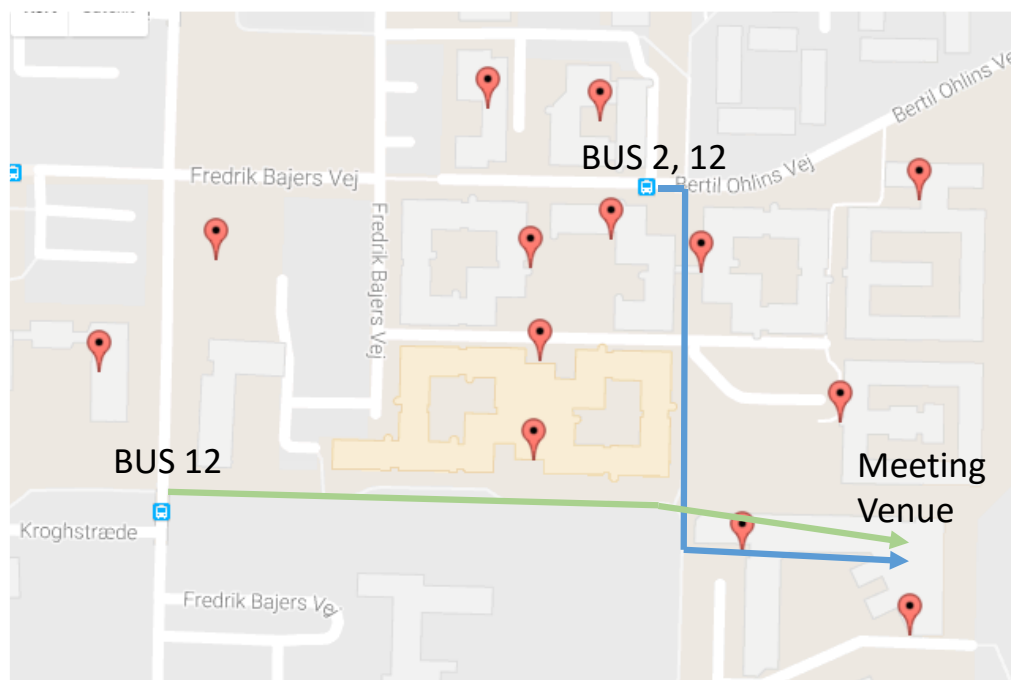
Meeting venue:



Map: <http://map.aau.dk/?location=njv14>

From the city center you can go by bus directly to the university. In order to plan your trip, please see this link: <http://www.rejseplanen.dk/> . From Aalborg city (Address: Nytorv (Street: Østeraagade) to the University (stop by 'Mejrupstien') you can take bus line nos. 2 or 12.

The bus trip takes approximately 30 minutes. The bus ride costs approximately DKK 20.00 per person. The driver only accepts cash. "Next stops" are indicated on screens within the bus. Otherwise, just ask the driver to stop at the right station. Bus no. 2 runs every 8 to 10 minutes. No. 12 every 15 min.



Social event at DUUS Vinkjælder:

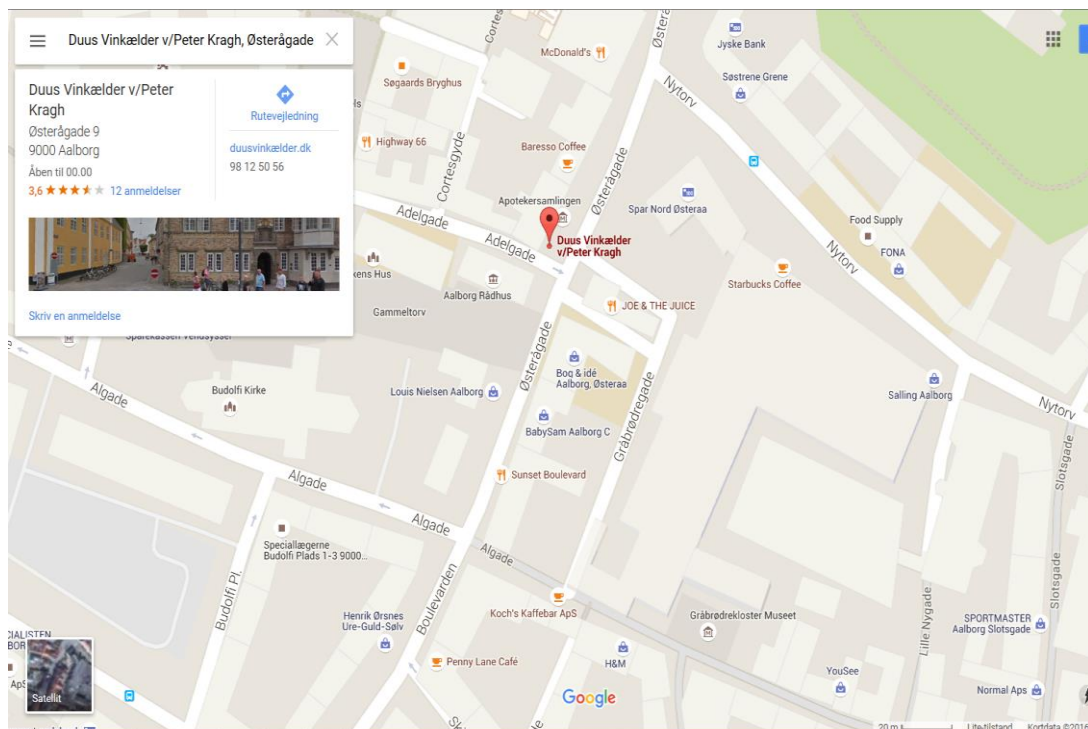


Under the historic arches of the famous Jens Bang's Stone House from 1624, you will find restaurant Duus Vinkælder. Here you can enjoy the medieval atmosphere and unwind with a glass of beer or wine.

The restaurant serves traditional Danish lunch, or you can enjoy your afternoon tea here. In the summer time there is also outdoor serving so you can enjoy the hustle and bustle of Aalborg city centre while getting a bit to eat and drink.

Restaurant Duus Vinkælder is home to the Christian IV's Guild that welcomes foreign officials, when they visit Aalborg.

**Time: Thursday, September 8 at 19:00
Address: Østerågade 9, 9000 Aalborg**



Shopping and Food:

The Aalborg shopping and food district coincides with the Aalborg center. It includes shopping centers and department stores such as Salling and Friis; as well as many street shops in Algade and Bispensgade.



Your local contact persons at Aalborg University:



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