



EC FP7 Marie Curie IAPP Project 324515



6th Quarterly News Digest
[June 2014 – August 2015]



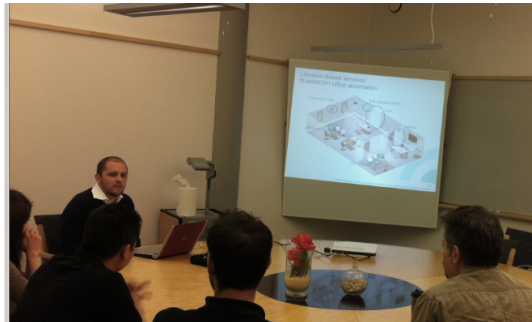
Eds. M. Stratakis (Forthnet) and Q. He (LiU)

September 2014



June 2014

- **A. Pollastro** (MoBIMESH) starts his secondment at LiU, Sweden.
- **S. Louloudakis** (Forthnet) starts his secondment at LiU, Sweden.
- **B. Landfeldt** (ULUND) starts his secondment at Forthnet, Greece.
- **A. Pollastro** (MoBIMESH) delivers an open seminar at LiU, on the topic of "*Heterogeneous Wi-Fi and sensor networks for a smart city Mesh-WISE scenario*".



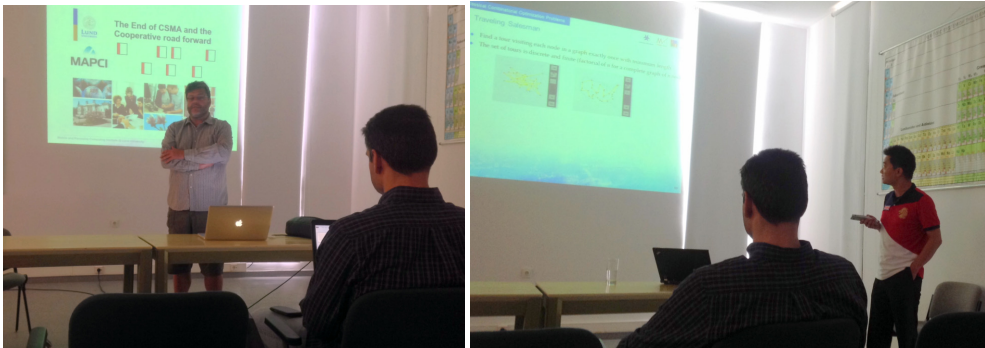
- The project was disseminated internally within the Forthnet group of companies in order to identify how the project's outcomes fit in the company's strategic objectives and formulate a preliminary plan for exploiting the results. The main outcome of this activity was the establishment of concrete interest and an initial action plan, to use the technology produced in MESH-WISE to create new revenue by taking advantage of its large customer base and WiFi installations network to deliver mobile traffic offload services, in collaboration with mobile carriers in Greece.
- **Vangelis Angelakis** (LiU) organises the [RESONANT](#) (Resource Optimization in Heterogeneous Wireless Access Networks) special session at IEEE [CAMAD](#) 2014.

July 2014

- **G. Vasilakis** starts his secondment at FORTH, Greece.
- FORTH organises a joint session between MESH-WISE, **SOrBet** (FP7-MC-IAPP) and **RERUM** (FP7-SMARTCITIES) on July 2nd 2014 at its premises.



- Forthnet organises a **Marie Curie Open Day** event on July 3rd 2014. Event takes place at FORTH premises and is joined by some 30 FORTH researchers and UoC Students.
- **B. Landfeldt** delivers a tutorial at the Marie Curie Open Day event, organized by FORTH, on the topic of "*The end of CSMA and the cooperative road forward*".
- **D. Yuan** delivers a tutorial at the Marie Curie Open Day event, organized by FORTH, on the topic of "*Applied Optimization in Wireless Networks –Link Activation, Scheduling and More*".



- A series of demonstrations is given in the Marie Curie Open Day
 - A wireless mesh management system was presented, by **MobiMESH**
 - SDR-based Multiple Primary Users Emulation Platform & Real-time Spectrum Analyzer, by **FORTH**
 - SDR Implementation of IEEE 802.11a Physical and MAC layer Transceiver on General Purpose Processors, by FORTH
 - Energy efficient data gathering in IoT based on compressed sensing, by **FORTH**





- **Q. He** delivers an open seminar at Forthnet, on the topic of "*On Optimal Link Activation in Wireless Systems*".
- **G. Vasilakis** delivers a tutorial at FORTH, on the topic of "*Building a large scale Network Management System*".
- **E. Tragos** and **A. Traganitis** had a meeting with the newly elected Mayor of Heraklion to inform him about the potential to exploit the results of the project to make the city of Heraklion smarter.
- *The Failure of CSMA in Emerging Wireless Scenarios*, by **E. Fitzgerald** (ULUND), and **B. Landfeldt** (ULUND), submitted to IFIP WD 2014.
- **Q. He** ended her secondment at Forthnet, Greece.
- **Y. Li** ended his secondment at MobiMESH, Italy.

August 2014

- *Simple Network design and Power allocation for 5G Device-to-Device Communication*, by **S. Fowler** (LiU), **Y. Li** (ULUND), **A. Pollastro** (MobiMESH), and **S. Napoli** (MobiMESH), submitted to RESONANT in CAMAD 2014.
- *A Heterogeneous wireless networks testbed for Smart Environment scenarios*, by **S. Melzi** (MobiMESH), **S. Napoli** (MobiMESH), **A. Pollastro** (MobiMESH), and **S. Fowler** (LiU), submitted to RED-IOT in CAMAD 2014.