



Editorial

Dear reader,

It is now almost half a year since OpenLab was launched on 1st September 2011. In this time, OpenLab has performed a number of activities and achieved significant results. This first issue of OpenLab News aims to inform all interested stakeholders and the general public about these activities and results. I hope you will find the information in this newsletter interesting and would like to encourage readers to send us their questions and comments.

Milon Gupta, Eurescom

Editor

Project results & activities

First Open Call of OpenLab

OpenLab requires the participation of new partners to carry out certain tasks within the project. In particular the tasks pertaining to the execution of innovative experiments that demonstrate technological expertise, scientific novelty and quality in the area of Future Internet require new partners. For this reason, OpenLab launched its First Open Call in September 2011, with a Call deadline of 9 November 2011.

In order to provide required information to potential applicants, OpenLab organised an information day in Brussels on 14 September 2011 to communicate details about the capabilities of its testbeds, control frameworks and tools. The information day was jointly organised by the FP7 projects FIRESTATION, CREW and SmartSantander.

The dedicated OpenLab session informed about the details of the OpenLab open call and discussed in depth the OpenLab service offering.

Information about the Open Call is available at <http://www.ict-fire.eu/home/fire-calls/open-calls.html>

Outcome of the call (overview of submissions)

Following the first OpenLab Open Call fourteen proposals were received. The total cost of the proposals is close to 2.7 million euro; the proposers asked for about 1.9 million euro EC contribution. Five of these proposals were submitted by two partners, so that the total number of unique organisations proposing experiments is 19. These 19 organisations are located in eleven countries; nine from Europe and one from Japan and China respectively.

The total resources offered are 434 person months (PMs) out of which 134.5 are within the Chinese proposal. From the European organisations, Spanish organisations offered 84 PMs, followed by Italian organisations that offered 60.5 PMs.

The average size of the proposals is 31 PMs, although this figure can be considered distorted, due to the high value of the Chinese proposal. The smallest proposal is 8.2 PMs.

The cost range of the proposals is between 100,500 euro and 335,000 euro, while the requested EC contribution ranges from 70,000 euro to 200,000 euro. The average cost of the proposals is about 193,800 euro, while the average requested EC contribution is about 138,300 euro.

The evaluation of the proposals was executed with the help of five experts that were selected based on their expertise, knowledge of the Future Internet Research and Experimentation initiative, as well as for their impartiality. The experts evaluated the proposals at their home location and joined a meeting to achieve consensus and recommend to OpenLab a prioritised list of the best proposals. The consensus meeting was held at the Eurescom premises on 16 February 2012 and was witnessed by an independent observer, appointed by the EC, to assure a fair and transparent evaluation process.

Six proposals passed the evaluation thresholds and are subject to endorsement by the project officer. Due to the funding of 550,000 euro available for the first open call experiments, we expect that four proposals can be invited for negotiations.



February 2012

Past events

4th EU-Japan Symposium in Tokyo

The 4th EU-Japan Symposium on New Generation Networks and Future Internet took place in Tokyo, Japan, on 19 January 2012. The symposium focused on several topics of mutual interest to Japanese and European researchers and which require joint research efforts in order to be addressed more efficiently.

Extensive discussions on practical research approaches for the different topics were discussed in focused breakout sessions. The topics of interest included (i) Low energy contents distribution with contents centric networking; (ii) Wireless networking; (iii)

Future Internet of things over "Clouds"; (iv) Optical communication; (v) Experimental R&D over federated Japan and EU testbeds; and (vi) Security.



An important related outcome of the four symposia so far, is the intention to issue a coordinated call between EU and Japan for joint projects in the above areas.

Openlab open workshop in France

From 1st to 3rd February 2012, OpenLab organised an open workshop on "Federation Architecture & tools", which took place at the Chateau de Villiers-le-Mahieu, close to Paris.

About 40 experts, members of the OpenLab team, as well as external experts discussed several aspects of federation including (i) Central services for federation; (ii) Resource specifications, reservations and policies; and (iii) monitoring tools for measurements and benchmarking.

Many controversial discussions confirmed that even if "federation" of existing European and international testbeds have progressed considerably,

there are still many open questions to be answered.

One of the conclusions of the workshop was to not lose focus and concentrate the work on the real world problems that the customers of the testbeds - the experimenters - have. These problems range from easy access to testbeds, description of experiments, and specification of testbed resources, up to the main outcome of experimentation, namely the collection of measurement data and the benchmarking of approaches.

Further information is available at <http://federation-workshop.ict-openlab.eu>



February 2012

Upcoming events

Future Internet Assembly Aalborg, Denmark, 10 – 11 May 2012

The Future Internet Assembly (FIA) will be held on 10 - 11 May 2012 under the Presidency of Denmark in the EU Council. The theme for FIA-Aalborg will be "Smart Cities and Internet of Things" and will bring together projects that have recognised the need to strengthen European activities on the Future Internet to maintain European competitiveness in the global marketplace. Currently FIA brings together research projects that are part of the ICT programme of FP7. All of these projects are advancing the state of the art in their respective areas and FIA enables open interactions and cross-fertilization across the technical domains, reaching out to talent in Europe's Future Internet research community.

OpenLab will participate with 3 demos:

1. PlanetLab-NITOS federation
2. Remote control of mobile robots for setting up (controlled) mobility scenarios during mobile & wireless experiments
3. OpenFlow and P2P integrated testing

In addition an EU-Japan workshop is planned to be held on 9 May 2012 (date is yet to be confirmed).

Further information is available on the event website at www.future-internet.eu/fia-aalborg

TridentCom 2012 Thessaloniki, Greece, 11 – 13 June 2012

The 8th International ICST Conference on Testbeds and Research Infrastructures for the Development of Networks and Communities will be held in Thessaloniki, Greece, 11-13 of June 2012, with the vision to bring together technical experts and researchers from academia, industry and government all around the world to discuss experimental research infrastructures of the Future Internet.

OpenLab is planning to have technical demos in the exhibition and to contribute to the planned Infinity FI-PPP workshop.

Further information is available on the event website at www.tridentcom.org/2012

About OpenLab

OpenLab is an Integrating Project under the European Union's Seventh Framework Programme (FP7) addressing the work programme topic Future Internet Research and Experimentation (FIRE - ICT 2011.1.6). OpenLab's main objective is to foster innovation on the Internet by providing interoperable, large-scale testing facilities which enable a wide scope of experiments across diverse domains of the Future Internet.

The project is performed by a consortium of 19 partner organisations from 12 countries, and is coordinated by Université Pierre et Marie Curie, France. It started in September 2011 and will run for 30 months, until the end of February 2014. The total budget of the project is 7.35 million euros, including an EC contribution of 5 million euros.