OFELIA has published its first Open Call on February 9, closing March 30, 2011

The call, details regarding the proposal process and a FAQ section can be found at the OFELIA website:

http://www.fp7-ofelia.eu/open-calls/

Open Call Information day

FIREStation, the FP7 coordination action for a number of testbed-related projects, organized an Info Day where three projects (OFELIA, TEFIS and BonFIRE) jointly presented their plans for the execution of the Open Calls.

After a general introduction to the Open Call process, OFELIA and the status of the individual islands after completion of deployment phase 1 were presented. This was followed by presentations and discussions of new ideas coming from potential proposers.

We are now expecting a number of very good ideas for experimentation and extensions of the facility and are looking forward to working with the new partners we acquire through the process.

http://www.fp7-ofelia.eu/news-and-events/events/open-call-information-day-9-feb-2011/

Island Development Status

The OFELIA facility will provide in Phase 1 researchers with a network slice that basically consists of three items:

- Network nodes that are OpenFlow 1.0 capable: in most cases these nodes are slices of NEC IP8800/S3640 switches.
- A (virtual) machine that will run the OpenFlow controller controlling the network slice.
- (Virtual) machines that act as network endpoints. Researchers will be allowed to use these virtual machines to conduct their experiments (e.g., traffic generation and analysis).

To interact with their network slices, researchers will connect to the facility through a routed OpenVPN connection hosted at IBBT. From there on, each island will be reachable through bridged OpenVPN connections between the islands.

http://www.fp7-ofelia.eu/ofelia-facility-and-islands/

The OFELIA Summer School Organization is Advancing

The Ofelia project will organize a joint summer school with the EU FP7 project CHANGE. The event will take place in Berlin between November 7 and November 11, directly after the Internet Measurement Conference 2011 (November 2-4, also in Berlin). We expect around 30 PhD students for this event.

The objective of the summer school is to gather PhD students and researchers who are actively working on OpenFlow and related research topics. The program will contain both presentations by well-known international experts and poster sessions to allow PhD students to present their work, discuss with other students and researchers, and to receive feedback about their own

research. To foster interaction between PhD students, we will organize social events in addition to the scientific programme.

http://www.fp7-ofelia.eu/summer-school/

OpenFlow Tutorial Event

On 7 February 2011. 30 participants were present at the OpenFlow tutorial event in Berlin. Additonal 20 connected online.

This hands-on tutorial, given by Deutsche Telekom Inc. R&D Labs senior research scientist Srini Seetharaman, was aimed at giving researchers and research project organisers alike, exposure to the software components making up the OpenFlow software defined networking stack.

The tutorial covered a wide range of topics and tools, including various software switch implementations, FlowSpace slicing with the FlowVisor, and visualization, measurement, and packet-level debugging tools. Operational experiences were also shared from the Stanford group, as valuable lessons learned from the numerous production deployments which will undoubtedly help others avoid common pitfalls.

The session concluded with a presentation and discussion session led by Stanford professor Nick McKeown on the future directions and expected developments for the OpenFlow protocol and community.

http://www.fp7-ofelia.eu/news-and-events/events/openflow-tutorial-in-berlin-on-feb-7th-2011/

NEC OpenFlow Switches Hands-on Meeting

Several project partners have decided to build their islands based on NEC IP 8800 devices as a mature basis for their deployment. Besides the NEC switches other switches will be available in the UEssex and later on in the i2cat islands.

A hands-on meeting allowing interested OFELIA participants to learn about and use IP 8800 devices took place on January 13 – 14, 2011 at NEC Laboratories Europe in Heidelberg, Germany.

Various strategies for slice isolation and their impact on performance were deployed and investigated. Beyond gathering hands-on experience with hardware devices, the meeting served as first early integration meeting with remote participation of OFELIA developers and the island teams present in Heidelberg.

http://www.fp7-ofelia.eu/news-and-events/events/nec-openflow-switches-hands-on-meeting/