

## mPlane Workshop: a Platform for measuring the Internet

The mPlane workshop will take place in Heidelberg, Germany, at NEC Laboratories Europe ([www.neclab.eu](http://www.neclab.eu)) on November 30th, 2015, in conjunction with CoNEXT 2015 ([conferences2.sigcomm.org/co-next/2015/](http://conferences2.sigcomm.org/co-next/2015/)) (mPlane is a sponsor of CoNEXT 2015).

### At A Glance: mPlane

***an Intelligent Measurement Plane for Future Network and Application Management***



#### Project Coordinator

Prof. Dr. Marco Mellia

Politecnico di Torino

Tel: +39-011-5644173

Email: [mellia@polito.it](mailto:mellia@polito.it)

Website: <http://www.ict-mplane.eu>

**Partners:** Politecnico di Torino (IT), Fondazione Ugo Bordoni (IT), SSB Progetti (IT), Telecom Italia (IT), Alcatel-Lucent Bell Labs (FR), EURECOM (FR), Telecom Paritech (FR), NEC Europe Ltd. (UK), Telefonica Investigacion Y Desarrollo Sa (ES), Netvisor (HU), Forschungszentrum Telekommunikation Wien GmbH (AT), Fachhochschule Augsburg (DE), Universite de Liege (BE), Eidgenoessische Technische Hochschule Zurich (CH), Alcatel-Lucent Bell Nv (BE), FASTWEB (IT)

**Duration:** from Nov. 2012 to Dec. 2015

**Funding scheme:** IP

**Total Cost:** €11,294,260.00

**EC Contribution:** €7,818,998.00

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### Scope of the Workshop

To illuminate the current and obscure dynamics of the Internet, mPlane has focused on building the Internet measurement plane, by designing a flexible, open platform that allows one to collect, store and process measurements collected from the Internet.

This workshop will present mPlane's achievements towards this goal. In addition to full presentations about mPlane reference architecture (featuring an open source implementation), components and the use cases that it enables, the workshop will feature talks of measurement experts who will speak about topics related to the main concepts of building an Internet measurement plane.

### Featured Speakers

- **Balachander Krishnamurthy**, AT&T Labs – Research: “Is measurement still an afterthought?”
- **Fabián E. Bustamante**, Northwestern University: “Content distribution on next generation cellular networks”
- **Alberto Dainotti**, Center for Applied Internet Data Analysis: “BGPStream, A framework for the historical analysis and real-time monitoring of BGP data”

### Program Highlights

- mPlane architecture and principles (including reference open implementation)
- mPlane components (probes, repositories, reasoners)
- mPlane live demos
  - Estimating content and service popularity
  - Active Measurements for Content Delivery
  - Quality Experience for Web Browsing
  - Mobile Network Performance Issue Analysis
  - Verification of SLA
  - Anomaly detection in large scale networks

### Links

Workshop information:

<http://www.ict-mplane.eu/public/mplane-final-workshop-0>

Registration (free of charge, including free dinner):

<https://www.ict-mplane.eu/webform/registration-mplane-final-workshop-heidelberg-november-30-2015>