

W-FIERRO 2011

July 7 – 8, 2011
Cartagena, Spain



CALL FOR PAPERS

The 1st Workshop "Future Internet: Efficiency in high-speed networks" (W-FIERRO 2011) will be held in Cartagena (Spain), in the Spanish Mediterranean coast, 7th and 8th of July 2011. The goal of W-FIERRO is to bring together researchers, engineers and practitioners investigating in the evolution of the high-speed networks for the Future Internet.

The Future Internet initiative is a long-term international research goal. Its target is addressing the challenges that the predicted evolution of the Internet raises. W-FIERRO puts the focus on the technological challenges to be faced by the **high-speed metro and core networks**, where the traffic is aggregated. The fundamental challenge to face is the drastic expected growth in traffic volumes and traffic variability that the massive popularization of bandwidth hungry applications like high-quality IPTV services and mobile multimedia services will bring to the aggregation network. The intrinsic inefficiency of some of the schemes in current Internet, are a barrier to a massive deployment of these services. In this sense, efficiency in the network at every layer is not an added value, but an absolute requirement to make the Future Internet possible.

Topics of interest to W-FIERRO 2011 workshop include, but are not limited to:

- Traffic engineering and QoS
- Optical multilayer networks
- Optical Packet/Burst Switching
- Router and switch architectures
- Intra and inter domain routing
- Energy efficiency in the network
- Control plane
- Management plane
- Network monitoring
- Network planning
- Network survivability
- CAPEX and OPEX
- Cross-layer network design
- Wireless-optical convergence
- Clean-slate network designs
- Addressing schemes
- New business models
- Quality of experience
- Interactions among network actors (user / ISP / network carrier).
- Network infrastructure virtualization

Paper Submission Guidelines

Paper length should be up to 8 pages in two-column IEEE Transactions style [http://www.ieee.org/conferences_events/conferences/publishing/templates.html]. Papers must be submitted electronically as PDF files to the address red.fierro@upct.es.

Important dates

Full paper submission: June 23, 2011

Acceptance notifications: June 30, 2011

Organizing Committee

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