



W-FIERRO 2011
July 7-8, 2011
Cartagena, Spain



1st Workshop “Future Internet: Efficiency in High-Speed Networks”

Time	Thu 7	Fri 8
9:15 - 9:30	Opening	
9:30 - 10:30	Session 1	Session 5
10:30 - 11:00	Coffee Break	Invited Talk 2
11:00 - 11:30	Session 2	Coffee Break
12:00 - 13:30	Lunch	Plenary session
13:30 - 14:30	Invited Talk 1	Lunch
14:30 - 15:30	Session 3	
15:30 - 17:00	Coffee Break	
17:00 - 17:30	Session 4	
17:30 - 19:30	Gala Dinner	
21:30 -		

Session 1

Location: “Salón de Grados” (Conference Main Room)

1. Solutions to Improve the Video Streaming Service over Heterogeneous Networks

- Tito Raúl Vargas (Universitat Politècnica de València, Spain)
- Pau Arce Vila (Universitat Politècnica de València, Spain)
- Ismael de Fez (Universitat Politècnica de València, Spain)
- Víctor Murcia (Universitat Politècnica de València, Spain)
- Francisco Fraile (Universitat Politècnica de València, Spain)
- Román Belda (Universitat Politècnica de València, Spain)
- Patricia Acelas (Universitat Politècnica de València, Spain)
- Juan Carlos Guerri (Universitat Politècnica de València, Spain)

2. Improving Quality in Video over Optical Networks with Bursty Losses

- Felix Espina (Public University of Navarre, Spain)
- Daniel Morato (Public University of Navarre, Spain)
- Mikel Izal (Public University of Navarre, Spain)
- Eduardo Magaña (Public University of Navarre, Spain)

3. Approximation to Nanosecond Optical Switching based on Commercial Devices

- David Fernández-Hermida (Universidad de Vigo, Spain)
- Cristina López-Bravo (Universidad de Vigo, Spain)
- Francisco Javier González-Castaño (Universidad de Vigo, Spain)
- Miguel Rodelgo-Lacruz (GRADIANT, Spain)

Session 2

Location: “Salón de Grados” (Conference Main Room)

1. Cost and Energy Analysis of Feedback-based Hybrid Node Architecture

- Pooria Sayyad Khodashenas (Universitat Politècnica de Catalunya, Spain)
- Jordi Perelló (Universitat Politècnica de Catalunya, Spain)
- Salvatore Sparado (Universitat Politècnica de Catalunya, Spain)
- Jaume Comellas (Universitat Politècnica de Catalunya, Spain)
- Gabriel Junyent (Universitat Politècnica de Catalunya, Spain)

2. Active research topics on efficiency in Internet-oriented optical network technologies

- David Larrabeiti (Universidad Carlos III de Madrid, Spain)
- José Alberto Hernández (Universidad Carlos III de Madrid, Spain)
- Isaac Seoane (Universidad Carlos III de Madrid, Spain)
- Gerson Rodríguez-de los Santos (Universidad Carlos III de Madrid, Spain)
- Gonzalo Fernández-del Carpio (Universidad Carlos III de Madrid, Spain)
- Carmen Vázquez (Universidad Carlos III de Madrid, Spain)
- Pedro Contreras (Universidad Carlos III de Madrid, Spain)
- Manuel Urueña (Universidad Carlos III de Madrid, Spain)
- Ricardo Romeral (Universidad Carlos III de Madrid, Spain)
- Pedro Reviriego (Universidad Antonio de Nebrija, Spain)
- Juan Antonio Maestro (Universidad Antonio de Nebrija, Spain)
- Eusebi Calle (Universitat de Girona, Spain)

- Juan Segovia (Universitat de Girona, Spain)
- Pere Vilà (Universitat de Girona, Spain)
- Marc Manzano (Universitat de Girona, Spain)

3. Functional Model of a Routing System Architecture

- Miguel Hernando Camelo (Universitat de Girona, Spain)
- Pere Vilà (Universitat de Girona, Spain)
- Lluís Fàbrega (Universitat de Girona, Spain)
- Dimitri Papadimitriou (Alcatel-Lucent Bell, Belgium)
- Pedro Pedroso (Universitat Politècnica de Catalunya, Spain)
- Davide Careglio (Universitat Politècnica de Catalunya, Spain)

Session 3

Location: “Salón de Grados” (Conference Main Room)

1. Preemptive priority discipline in loss and delay models. Application to cognitive radio networks

- Vicente Casares-Giner (Universitat Politècnica de Valencia, Spain)
- Diego Felipe Pacheco Páramo (Universitat Politècnica de Valencia, Spain)

2. Supercomputing applied to Parallel Network Simulation

- David Cortés-Polo (Cenits, Spain)
- José-Luis González-Sánchez (CenitS, Spain)
- Alfonso Gazo-Cervero (University of Extremadura, Spain)
- Juan Antonio Méndez-Barquero (University of Extremadura, Spain)
- Javier Fernández-Ramos (University of Extremadura, Spain)

3. Modelling a Multiprocessor Traffic Capturing and Analysis System

- Luis Zabala (University of the Basque Country, Spain)
- Armando Ferro (University of the Basque Country, Spain)
- Alberto Pineda (University of the Basque Country, Spain)

Session 4

Location: “Salón de Grados” (Conference Main Room)

1. Cognition and Heterogeneity in Optical Networks

- Ignacio de Miguel (Universidad de Valladolid, Spain)
- Ramón José Durán (Universidad de Valladolid, Spain)
- Tamara Jiménez (Universidad de Valladolid, Spain)
- Natalia Fernández (Universidad de Valladolid, Spain)
- Juan Carlos Aguado (Universidad de Valladolid, Spain)
- Noemí Merayo (Universidad de Valladolid, Spain)
- Patricia Fernández (Universidad de Valladolid, Spain)
- Rubén Mateo Lorenzo (Universidad de Valladolid, Spain)
- Evaristo José Abril (Universidad de Valladolid, Spain)

2. A Model for the Service Time in Multi-domain Networks controlled by the Harmony Service Plane

- Joan Antoni García-Espín (i2CAT Foundation, Spain)

- Jordi Ferrer Riera (i2CAT Foundation, Spain)
- Sergi Figuerola (i2CAT Foundation, Spain)
- 3. Dealing with availability and reachability issues in a LISP architecture**
 - Wilson Ramirez (Universitat Politècnica de Catalunya, Spain)
 - Anny Martínez (Universitat Politècnica de Catalunya, Spain)
 - René Serral (Universitat Politècnica de Catalunya, Spain)
 - Eva Marín (Universitat Politècnica de Catalunya, Spain)
 - Marcelo Yannuzzi (Universitat Politècnica de Catalunya, Spain)
 - Xavier Masip-Bruin (Universitat Politècnica de Catalunya, Spain)
- 4. Distributed Portal Selection in Wireless Mesh Networks**
 - Alicia Triviño-Cabrera (Universidad de Málaga, Spain)
 - Alfonso Ariza-Quintana (Universidad de Málaga, Spain)
 - Eduardo Casilari (Universidad de Málaga, Spain)

Session 5

Location: “Salón de Grados” (Conference Main Room)

- 1. Evaluation of a dynamic path computation algorithm in a GMPLS controlled multi-layer (Ethernet/WSO) network**
 - Anika Bukva (Centre Tecnològic de Telecomunicacions de Catalunya, Spain)
 - Ramon Casellas (Centre Tecnològic de Telecomunicacions de Catalunya, Spain)
 - Ricardo Martínez (Centre Tecnològic de Telecomunicacions de Catalunya, Spain)
 - Raül Muñoz (Centre Tecnològic de Telecomunicacions de Catalunya, Spain)
- 2. Planning of multilayer optical networks with directionless ROADMs**
 - Pablo Pavon-Marino (Technical University of Cartagena, Spain)
 - Maria-Victoria Bueno-Delgado (Technical University of Cartagena, Spain)
 - Jose-Luis Izquierdo-Zaragoza (Technical University of Cartagena, Spain)
 - Ramon Aparicio-Pardo (Technical University of Cartagena, Spain)
 - Belen Garcia-Manrubia (Technical University of Cartagena, Spain)

Invited talks

1. Nina Skorin-Kapov (University of Zagreb, Croatia)
2. Massimo Tornatore (Politecnico di Milano, Italy)