

TUESDAY, December 9, 2008 – CoNEXT Student Workshop

08:00 - 12:00: Registration (*Building Padre Soler - 1st floor - Hall*)

08:00 - 09:15: Breakfast (*Building Padre Soler - 1st floor - Hall*)

09:15 - 9:30: Welcome and Introductory Remarks
(*Building Padre Soler - 1st floor - Aula de Grados*)

09:30 - 10:30: Keynote Speech I (Introduction: Benoit Donnet, Universite Catholique de Louvain)
(*Building Padre Soler - 1st floor - Aula de Grados*)

- **Optimizing Communication Networks: Incentives, Prices and Multipath Transfers**
Peter Key (Microsoft Research, Cambridge, UK)

10:30 - 12:00: Poster Session I (Session Chair: Benoit Donnet, Universite Catholique de Louvain)
(*Building Padre Soler - 1st floor - Hall*)

- Distributed Event Delivery Model for Collaborative Virtual Simulations
- TCP Improvement in Multi-Radio Multi-Channel Multi-hop Networks
- High-Throughput, Reliable Multicast without "Crying Babies" in Wireless Mesh Networks
- Inter-Domain Routing using Topology Information
- Distributed Detection of Large-Scale Attacks in the Internet
- OnMove: A Protocol for Content Distribution in Wireless Delay Tolerant Networks based on Social Information
- Overlay Routing using Coordinate Systems
- Toward Low Cost and Highly Reliable Sensor Networks Deployment
- Advantages of a PCE-based Control Plane for LISP
- Auto-protection of 802.11 networks from TCP ACK division
- Distinguishing Persistent Failures from Transient Losses
- Distributed Scheduling in Large Scale Monitoring Infrastructures
- Achieving High-Bandwidth Peer-to-Peer File Distribution with the Right Incentives
- On Seamless Connectivity over Multi-Radio and Multi-Channel Wireless Mesh Networks
- Understanding the Characteristics of Online Commenting

12:00 - 13:45: Lunch (*Building Padre Soler - 1st floor - Cafeteria*)

13:45 - 14:45: Keynote Speech II (Introduction: Boon Thau Loo, University of Pennsylvania)
(*Building Padre Soler - 1st floor - Aula de Grados*)

- **Competition Dynamics of Network Technologies**
Roch Guérin (University of Pennsylvania, USA)

14:45 - 16:15: Poster Session II (Session Chair: Boon Thau Loo, University of Pennsylvania)
(*Building Padre Soler - 1st floor - Hall*)

- Nonlinear Modeling of the Internet Delay Space
- A Probabilistic model of k-coverage in Minimum Cost Wireless Sensor Networks
- Social DTN Routing
- Adapting TFRC to Mobile Networks with Frequent Disconnections
- Power-Law Chord Architecture in P2P Overlays
- High Performance Traffic Shaping for DDoS Mitigation
- Voronoi Models for Distributed Virtual Environments

- A Security Plane for Publish/Subscribe based Content Oriented Networks
- Experimental Approach to Adaptive Carrier Sensing in IEEE 802.15.4 Wireless Networks
- Supporting Delay-intolerant Applications
- Detection and Mitigation of Abnormal Traffic Behavior in Autonomic Networked Environments
- Connection Watch: Passive monitoring of round-trip times at end-hosts
- Internet Sibilla: Utilizing DNS for Delay Estimation Service
- Waiting-Line Auction for WiFi Pricing
- Exploiting Multi-Flow Diversity for Mitigating Intra-flow Interference in Wireless Mesh Networks

16:15 - 17:00: Panel I: (Moderator: Benoit Donnet, Universite Catholique de Louvain)
(*Building Padre Soler - 1st floor - Aula de Grados*)

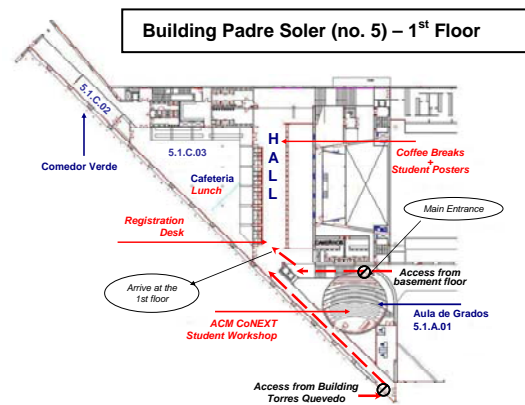
- **On the importance of reviews and PC meeting**
Augustin Chaintreau; Diego Perino; Josh Reich; Rui Zhang- Shen; Panayotis Antoniadis; Alberto Lopez- Toledo

17:00 - 17:45: Panel II: (Moderator: Boon Thau Loo, University of Pennsylvania)
(*Building Padre Soler - 1st floor - Aula de Grados*)

- **Research in graduate school and beyond**
Augustin Chaintreau; Kenjiro Cho, Cheng Ee

20:00 - 23:00: ACM CoNEXT Student Workshop Banquet (*Hotel Tryp Leganes*)

AREA DIRECTIONS



A COMPUTER ROOM is available for ALL attendees from 8:00 until 18:00, at Building Torres Quevedo (no.4) - 1st floor - Room 4.1.F03

TUESDAY, December 9, 2008- ReArch'08

08:00 - 12:00: Registration (*Building Padre Soler - 1st floor - Hall*)

08:00 - 09:15: Breakfast (*Building Padre Soler - 1st floor - Hall*)

09:15 - 09:25: ReArch'08 opening (*Building Biblioteca Rey Pastor - 3rd floor - Sala de Juntas*)

09:25 - 10:05: Network name spaces (Session Chair: Pekka Nikkander)
(*Building Biblioteca Rey Pastor - 3rd floor - Sala de Juntas*)

- Recursive Temporal Namespaces
- LISP-DHT: Towards a DHT to map identifiers onto locators

10:05 - 10:20: Discussion

10:20 - 10:45: Coffee Break (*Building Padre Soler - 1st floor - Hall*)

10:45 - 11:45: New ways to organize the network (Session Chair: Craig Partridge)
(*Building Biblioteca Rey Pastor - 3rd floor - Sala de Juntas*)

- Incentive-Compatible Caching and Peering in Data-Oriented Networks
- Flexible Arrays of Inexpensive Network (FAIN): Toward global parallelism in the Internet to satisfy future traffic growth
- Cabernet: Connectivity Architecture for Better Network Services

11:45 - 12:15: Discussion

12:15 - 13:35: Lunch (*Building Padre Soler - 1st floor - Cafeteria*)

13:35 - 14:35: New architectures (Session Chair: Bob Briscoe)
(*Building Biblioteca Rey Pastor - 3rd floor - Sala de Juntas*)

- Towards a new generation of information-oriented Internetworking architectures
- Design Considerations for a Network of Information
- "Networking is IPC": A Guiding Principle to a Better Internet

14:35 - 15:15: Discussion

15:15 - 15:45: Coffee Break (*Building Padre Soler - 1st floor - Hall*)

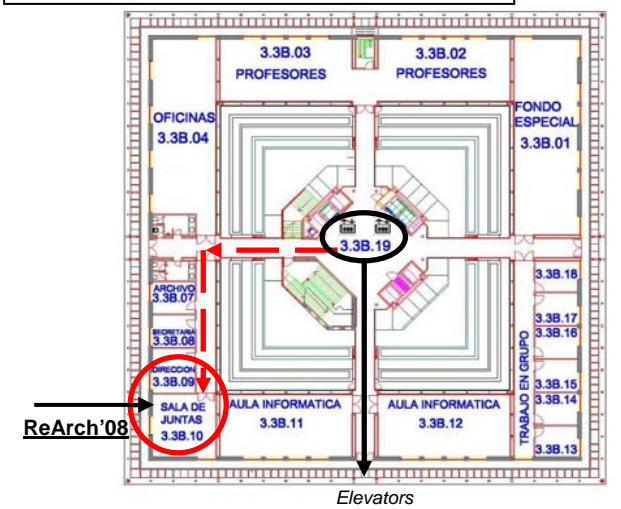
15:45 - 17:05: Interdomain issues (Session Chair: Lars Eggert)
(*Building Biblioteca Rey Pastor - 3rd floor - Sala de Juntas*)

- Reliable Interdomain Routing Through Multiple Complementary Routing Processes
- Path Brokering for End-Host Path Selection: Toward a Path-Centric Billing Model for a Multipath Internet
- MINT: A Market for Internet Transit
- Policing Freedom to Use the Internet Resource Pool

17:05 - 17:45: Discussion

AREA DIRECTIONS

Building Biblioteca Rey Pastor (no.3) - 3rd Floor



A COMPUTER ROOM is available for ALL attendees from 8:00 until 18:00, at Building Torres Quevedo (no.4) - 1st floor - Room 4.1.F03

TUESDAY, December 9, 2008 – ROADS'08

08:00 - 12:00: Registration (*Building Padre Soler - 1st floor - Hall*)

08:00 - 09:00: Breakfast (*Building Padre Soler - 1st floor - Hall*)

09:00 - 10:00: Keynote Speech: (*Building Agustin de Betancourt - 2nd floor - Sala Adoracion de Miguel*)

- **Telefonica's IPTV Infrastructure**
Pablo Rodriguez (Telefonica Research Lab); Meeyoung Cha (MPI-SWS)

10:00 - 10:30: Coffee Break (*Building Padre Soler - 1st floor - Hall*)

10:30 - 12:00: Session I (Session Chair: Marc Fiuczynski, Princeton University)
(Building Agustin de Betancourt – 2nd floor – Sala Adoracion de Miguel)

- Trellis: A Platform for Building Flexible, Fast Virtual Networks on Commodity Hardware
- CoreLab: An Emerging Network Testbed Employing Hosted Virtual Machine Monitor
- Providing UMTS connectivity to PlanetLab nodes

12:00 - 13:30: Lunch (*Building Padre Soler - 1st floor - Cafeteria*)

13:30 - 15:00: Session II (Session Chair: Walid Dabbous, INRIA)
(Building Agustin de Betancourt – 2nd floor – Sala Adoracion de Miguel)

- ISP-Friendly Peer Matching Without ISP Collaboration
- AS Alliance: Cooperatively Improving Resilience of Intra-Alliance Communication
- Distributed Content Delivery using Load-Aware Network Coordinates

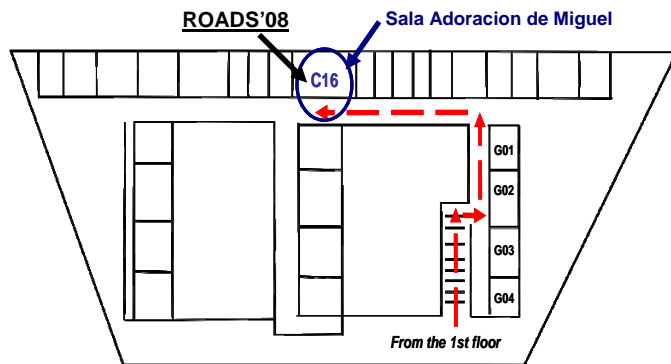
15:00 - 15:30: Coffee Break (*Building Padre Soler - 1st floor - Hall*)

15:30 - 16:30: Panel: (Moderator: Andy Bavler, Princeton University)
(Building Agustin de Betancourt – 2nd floor – Sala Adoracion de Miguel)

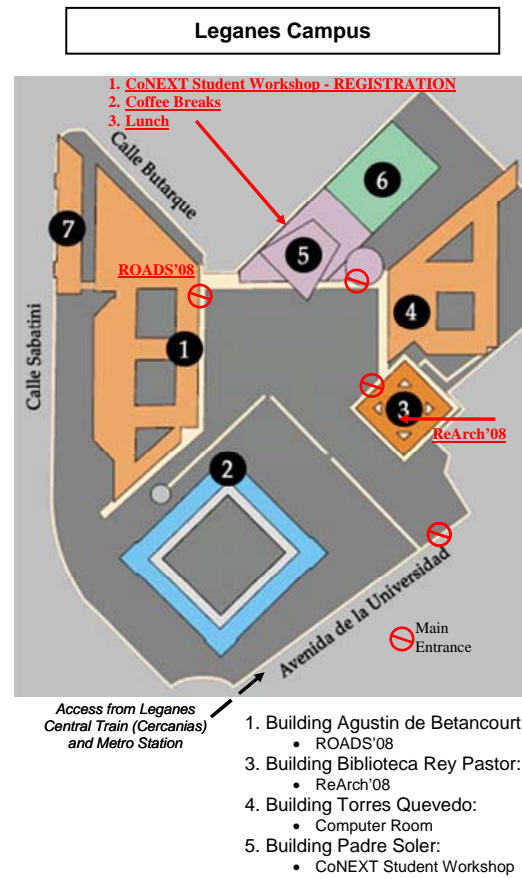
- Experimental Systems Research: How Real is Real Enough?**
 Steve Corbató; Marc Fiuczynski; Pablo Rodriguez; Dirk Trossen

AREA DIRECTIONS

Building Agustin de Betancourt (no.1) – 2nd Floor



A **COMPUTER ROOM** is available for ALL attendees from 8:00 until 18:00, at *Building Torres Quevedo (no.4) – 1st floor – Room 4.1.F03*



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University Carlos III & IMDEA Networks
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Technical Program Collocated Workshops – December 9th:

- ACM CoNEXT Student Workshop in Building no.5 “Padre Soler”
- ReArch’08 Workshop in Building no.3 “Biblioteca Rey Pastor”
- ROADS’08 Workshop in Building no.1 “Agustin de Betancourt”