Net-Con'2003

IFIP-IEEE Conference on Network Control and Engineering for QoS Security and Mobility

Conference: 13-15 October 2003
Tutorials: 11-12 October 2003
Sultan Qaboos University, Muscat, Oman

General Chair:
H.E. Dr. Saud Al-Riyami , President SQU , Oman

International Chairs:
Prof. G. Pujolle LIP 6, France
Prof. I. Zaabalawi, University of Sharjah, UAE
Prof. Nauro Oliviera, CEEFET – Brazil
Prof. A. Casaca, INESC – Portugal
Prof. O. Spaniol, Aachen University – Germany
Prof. D. Gaiti, UTT – France

Steering Committee:
Eng. Mohammed Al-Wahaibi, Executive Pres.
    Omantel – Oman
Sayyid Dr. Fahad bin Julanda, SQU – Oman
Dr. Said Ismailly, Ministry of Natio. Econ. - Oman
Mr. Mattar Al-Maamary, Diwan of Royal Court
Dr. Taher BaOmar, SQU – Oman
Dr. Amer A. Al Rawas, SQU – Oman
Dr. Ali S. Al-Bemani, SQU – Oman
Mr. Michael Parfitt, PDO
Dr. Adel Gastli, SQU – Oman
Dr. Ali Al-Lawati, SQU – Oman

Technical Program Co-Chairs:
Dr. Hadj Bourdoucen, SQU – Oman
Dr. Ahmed Al-Naamany, SQU – Oman

Tutorial Co-Chairs:
Dr. Afaq Ahmad, SQU – Oman
Dr. Ali Al-Lawati, SQU – Oman

Operation Co-Chairs:
Dr. Joseph Jervase, SQU – Oman
Dr. Ayman El-Naggar, SQU – Oman

Publicity Co-Chairs:
Dr. Abdulnasir Hossen, SQU - Oman
Dr. Tariq Jamil, SQU-Oman

Sponsorship Chairs:
Dr. Mohammad Habli, SQU – Oman
Dr. Farid Touati, SQU-Oman,

Information System Chairs:
Dr. Lazhar Khriji, SQU-Oman
Dr. Mahmoud Meribout, SQU – Oman

Net-Con'2003 Secretariat
Dept. of Information Engineering, Sultan Qaboos
University (SQU),
P.O. Box 123, PC 33, Muscat, Oman
Ph: +968-515330, Fax: +968-513454

Important Dates
Paper submission: April 30, 2003
Proposals for Tutorials: May 2, 2003
Notification of acceptance: June 1, 2003
Final paper submission: July 1, 2003

Sponsors
Sultan Qaboos University
The IFIP Society
The IEEE Society

First Call for Papers

Net-Con'2003 organized by Sultan Qaboos University, is the annual international Conference on Network Control and Engineering. The conference brings together researchers, creators, developers, educators, and practitioners in Network Control and Engineering for QoS, Security and Mobility control to share their latest achievements and explore future directions and synergies in these exciting areas of technological development providing a bridge between state of the art in Network Control research and best engineering practice. Two days Tutorial will be held on 11-12 October 2003 followed by the three-day Conference. Suggested topics for papers included, but are not limited to, the following:

1. Quality of Service (QoS)
1.1 Policy-based management architecture Processing
1.2 Programmable network and Active networks
1.3 Intelligent agent
1.4 QoS Control and QoS Engineering
1.5 Traffic measurements and monitoring, Traffic engineering in converging networks
1.6 Traffic modeling and simulation
1.7 Quality of Service provisioning, Network planning and optimization
1.8 Process, methodologies, and tools for network control
1.9 Policy models for system management, Provisioning of policies
1.10 Policy frameworks for active networks, mobile systems, e-commerce
1.11 Integrating policies into existing systems and environments
1.12 Business rules and organizational control
1.13 Extensions and refinements to policy standards
1.14 Distributed game control
1.15 Case studies of applying policy-based technologies
1.16 Process, methodologies, and tools for network control

2. Security
2.1 Security control and Security engineering
2.2 Configurable security policies
2.3 Cryptography protocols
2.4 Policy models for security
2.5 Distributed trusted infrastructure Applications
2.6 Water marking for flow control

3. Mobility
3.1 Mobility control and mobility engineering
3.2 Policy models for mobility
3.3 Virtual Home Environment (VHE)
3.4 Pervasive/ubiquitous/wearable mobile systems
3.5 Security and privacy issues for mobile and wireless systems
3.6 Mobility and QoS management
3.7 Control schemes in ad-hoc networks
3.8 Personal area networks QoS and security
3.9 IEEE 802.11 engineering
3.10 Smart devices
3.11 Smart cards, security and mobility

Submission
Authors are requested to submit their paper up to 15 pages, written in English and formatted as indicated in the Net-Con'2003 website (http://www.squ.edu.om/Net-Con'2003/). Submission of papers must be in electronic format (e-mail) to Dr. Lazhar Khriji (lazhar@squ.edu.om).

Proposals of Tutorial sessions should be submitted by e-mail to Dr. Ali Al-Lawati (lawati@squ.edu.om).

Further Information
If you have any comments or requests, please feel free to submit them to:
naamany@squ.edu.om or lazhar@squ.edu.om

Kluwer will publish the proceedings of the conference

Click here for the PDF version