6th International Workshop on TRaffic Analysis and Characterization
TRAC 2015

Co-Located with the **International Wireless Communications and Mobile Computing Conference (IWCMC 2015)**

Sponsored by:

◆IEEE
Advancing Technology for Humanity

MPlane

**Dubrovnik, Croatia
August 24-27, 2015**

http://trac2015.ftw.at

Submission: https://edas.info/newPaper.php?c=17305

*Based on the success of the past five editions, we are very proud
to announce the sixth edition of the TRAC Workshop.*

Overview

The continued evolution of the Internet is characterized by dramatic changes in the way users behave, interact with and use the network. Today's Internet content and applications are increasingly delivered by ever larger content delivery networks (CDNs) and cloud infrastructures. The sheer development of novel end-user apps and multimedia services demands more and better user centric quality concepts and metrics applied to real world operational networks.

Other changes in the Internet, such as the explosion of mobile traffic and the growing deployment of encryption (e.g. HTTPS Everywhere) demand new approaches for characterizing and analyzing network traffic. Malicious and abusive traffic continues to evolve as well, and techniques for detection must evolve in kind.

The sixth edition of the TRAC workshop continues to serve as a forum for scientists and engineers in academia and industry to exchange and discuss their experiences and research results about all aspects of traffic classification, characterization, and analysis.

Call for Papers

The workshop is soliciting high quality papers discussing original and innovative experimental activities, unpublished and not currently submitted for publication elsewhere, on topics including but not limited to the following:

- Traffic analysis and characterization algorithms and techniques
- Detection, analysis, and classification of network anomalies
- Platforms for on-line, real-time traffic analysis and characterization
- Evaluation of traffic classification and analysis techniques
- Data-reduction techniques for traffic analysis and visualization
- Privacy-preservation in traffic analysis, classification, and characterization
- Effects of anonymization on traffic analysis, classification, and characterization
- Identification and classification of encrypted traffic
- QoE-based traffic analysis and characterization

- Advanced algorithms for deep packet inspection
- Big data frameworks for traffic analysis
- Post-DPI approaches for traffic classification
- Applications of traffic analysis to network security
- Traffic analysis studies on operational networks and large-scale traffic data sets
- Applications of traffic analysis to network operations and management
- Ultra-high rate traffic analysis, classification, and characterization
- Analysis and characterization of mobile and wireless traffic
- Forwarding-plane support for network measurement and analysis

General Chairs

Pedro Casas
<casas@ftw.at>
FTW Vienna Research Center, Austria

Christian Callegari
<christian.callegari@iet.unipi.it>
University of Pisa, Italy

Sandrine Vaton
<sandrine.vaton@telecom-bretagne.eu>
Telecom Bretagne, France

Important Dates:
Paper Submission: February 15th, 2015
Notification of acceptance: April 15th, 2015
Submission of camera-ready papers: May 10th, 2015