

Third COST TMA International Workshop on Traffic Monitoring and Analysis

Vienna, Austria, April 27, 2011

Co-located with European Wireless 2011



Call for Papers

After two successful editions of the TMA Workshop organized by the COST Action IC0703 “Data Traffic Monitoring and Analysis (TMA): theory, techniques, tools and applications for the future networks”, we are pleased to announce the third edition that will be held in Vienna (Austria), co-located with the European Wireless Conference 2011. The first edition was held in Aachen (Germany), co-located with IFIP Networking 2009; the second one was held in Zurich (Switzerland), co-located with PAM 2010.

Scope of the Workshop

Research works dealing with network measurements and traffic monitoring have surged in the last decade, making this area of research one of the most active ones within the networking community. This type of research is empirical in nature as it ultimately deals with data obtained from a real-world system: the network and its users. In any field of experimental research, it is of paramount importance for scientists to guarantee the reproducibility of experiments, which enables independent validation of results. As a matter of fact, validation works are rare in our community, and too often reproducibility of the results is regarded as a nice-to-have optional rather than a must-have requirement. Unfortunately, validation works are expensive to perform and bring little benefit to their authors. On the other hand, these works are important to improve the quality and credibility of the results, and make our networking community seen more as a Science than an Art. Independent validation works as well as reports about practical experience gained with real-world measurements and monitoring activities should be regarded as a service of fundamental importance offered to the research community, and as such they should be explicitly promoted. To this aim, we will give the highest precedence to this type of works at the third edition of the TMA Workshop.

Relevant topics

With respect to the area of network measurements, monitoring and analysis of network traffic at large, we are soliciting papers that address some of the following topics:

- Traffic analysis and statistics
- New and improved measurement and monitoring methods and techniques
- Measurement-based applications
- Measurement-based network management
- Large scale monitoring and measurement
- Anomaly detection
- Validation and benchmarking of measurement tools
- Measurement-based experiments: repeatability tests, shared datasets, collaborative platforms

Paper Submission

Submissions should not exceed **14 pages (8.5”x11”)**, including figures, tables, and references, using the **LNCS** format. We recommend using the [LNCS users' guide](#) to format your paper. Papers that exceed the 14 pages limitation will not be reviewed. Accepted papers will be published in a volume of the [Lecture Notes in Computer Science](#) (LNCS) series by Springer.



Submission site: <https://crp.net.t-labs.tu-berlin.de/tma11/>

Important Dates

- Abstract Registration: October 11, 2010
- Paper Submission: October 18, 2010
- Notification of Decision: January 10, 2011
- Camera Ready: February 1, 2011
- Workshop: Vienna, **April 27, 2011**

Organization Committee

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