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Traffic Monitoring and Analysis

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Preface

The seventh Traffic Monitoring and Analysis (TMA) workshop took place in Barcelona, Spain. TMA initially started as a workshop associated to conferences. Since 2014, TMA is an independent event which is colocated with a PhD school that provides training to PhD students working on Internet measurements. This coupling is important because it allows the PhD students who participate in the PhD school to interact with researchers who present recent results in the field of their PhD. This interaction will not only be beneficial for the PhD students, but also for the researchers who will have to expose their results to fresh minds.

Traditionally, TMA has been particularly focused on the validation (or invalidation) of previous works in the field of network measurements. This year, TMA's Call for Papers broadened its scope to all the aspects related to network monitoring and Internet measurements, covering the entire network stack up to the application layer, with special emphasis on the measurement of cloud services, content distribution networks, social networks, mobile applications, and data centers, but also including more traditional measurement topics, such as traffic classification, anomaly detection, network performance evaluation, and traffic analysis.

As a result, this year's technical program includes papers on various network measurements topics, including measurement tools and methods, mobile and wireless, security, web, and new protocols. This year 54 papers were submitted to the TMA workshop.

The final program, composed of 16 papers, is the result of a detailed review process that has provided feedback to all authors of submitted papers. Each paper received at least three reviews and almost all the reviews were written by members of the Technical Program Committee (TPC) that was composed of 34 researchers with expertise in the workshop topics. The reviews were complemented by online discussions during one week among all the reviewers for each paper and a teleconference was organized to discuss the remaining papers. At the end of this process, authors received detailed feedback and 16 papers covering a broad range of network measurement topics were selected. The accepted papers were chosen based on their technical merits without any logistical constraint on the total number of papers.

The final program contains papers from both academia and industry. While many accepted papers were written by European researchers, there are also papers from Asia and North America.

Thank you all for attending the workshop. We hope you enjoyed the scientific program and had fruitful interactions with other researchers.

February 2015

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