

Preface

Welcome to the proceedings of the 2016 Passive and Active Measurements (PAM) conference, which was held in Heraklion, Crete, in Greece. The conference took place from March 31 to April 1, and featured 30 papers spanning a wide spectrum of topics in the general area of Internet measurements. This was the 17th year of PAM, which continues the tradition of a conference publishing original, early academic work that fosters discussion and active participation from the attendees.

While PAM in the past focused on research and practical applications of network measurement at Layer-3, over the past few years, PAM has broadened its scope significantly to encompass measurements of networked applications, content distribution networks, online social networks, overlay networks, and more. Measurement technology is needed at all layers of the stack: for power profiling of hardware components; at the MAC/network/transport layers; as well as up the stack for application profiling and even to collect user feedback. Measurement technologies are being designed for the digital home, residential access networks, wireless and mobile access, enterprise, ISP, and data center networks.

Overall, PAM aims to understand the role that measurement techniques can play in networked environments and applications, across different layers, and how they can serve as critical building blocks for broader measurement needs. At the same time, PAM also continues with its original goal, to expand the techniques, tools, and practical uses of network measurement technology and to be open to works at their early stages.

This year PAM attracted 93 submissions from a variety of institutions in academia and industry all around the world – authors of submitted papers originated from 22 different countries representing 128 institutions! In all, 30 papers were selected for the conference by the Technical Program Committee (TPC) having a similar diverse geographical and institutional span (12 countries, 44 institutions). The TPC itself comprised experts across several areas so that the new, broadened scope of PAM is well represented. Most TPC members were selected from PAM participants and contributors in previous conferences.

Each paper received at least three reviews from TPC members, while papers were extensively discussed on-line by the TPC after the review round was over. A number of papers were selectively shepherded, as reviewers required a number of comments to be addressed before final publication. This year's program comprised high-quality papers covering a wide scope of topics ranging from security and privacy, studies on mobile, cellular, broadband and the Web, to more traditional PAM topic such as DNS, routing and measurement frameworks, and testbeds.

Before closing this preface, we would like to thank the Steering Committee for its guidance throughout the organization of the conference, and Antonis Papadogiannakis,

who provided an excellent advertisement campaign of the conference as our publicity chair. We are further indebted to Pavlos Sermpezis for his tremendous support for HotCRP and in the overall organization of the conference. Last but not least, we would like to thank our local volunteers who made the conference possible.

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