The 5th IEEE International Traffic Monitoring and Analysis Workshop (TMA 2013)
Technical Program

Friday, April 19

9:00-9:20 Welcome and opening

9:20-10:30 Session I "DNS analysis" -- Session Chair: Steve Uhlig

*Check-Repeat: A New Method of Measuring DNSSEC Validating Resolvers* -- [Presentation](#)
Yingdi Yu (UCLA, USA); Duane Wessels (The Measurement Factory, Inc, USA); Matt Larson (Verising Labs, USA); Lixia Zhang (University of California at Los Angeles, USA)

**Modeling DNS Agility with DNSMap** -- [Presentation]

Andreas Berger (FTW Telecommunications Research Center Vienna, Austria); Wilfried Gansterer (University of Vienna, Austria)

**Trapping Botnets by DNS failure graphs: Validation, Extension and Application to a 3G Network** -- [Presentation]

Arian Bär (Telecommunications Research Center Vienna (FTW), Austria); Antonio Paciello (Telecommunications Research Center Vienna (FTW), Austria); Peter Romirer-Maierhofer (Telecommunications Research Center Vienna (ftw.), Austria)
10:30-11:00 Coffee break

11:00-12:30

Session II "Network Performances" -- Session Chair: Jordi Domingo-Pascual

New generation satellite broadband Internet services: should ADSL and 3G worry? -- [Presentation]

Alessio Botta (University of Napoli Federico II, Italy); Antonio Pescapé (University of Napoli Federico II, Italy)

Troubleshooting Slow Webpage Downloads -- [Presentation]
Heng Cui (EURECOM, France); Ernst W Biersack (EURECOM, France)

**Fighting the bufferbloat: on the coexistence of AQM and low priority congestion control** -- [Presentation]

Yixi Gong (Telecom ParisTech, France); Dario Rossi (Telecom ParisTech, France); Claudio Testa (Telecom ParisTech, France); Silvio Valenti (TELECOM ParisTech, France); Dave Taht (Bufferbloat.net, France)

**To the Moon and back: are Internet bufferbloat delays really that large?** -- [Presentation]

Chiara Chirichella (Telecom ParisTech, France); Dario Rossi (Telecom ParisTech, France)

12:30-14:00 Lunch break
Session III "Passive Monitoring and Classification" -- Session Chair: Antonio Pescape’

Self-Learning Classifier for Internet Traffic -- [Presentation]

Luigi Grimaudo (Politecnico di Torino, Italy); Marco Mellia (Politecnico di Torino, Italy); Elena Baralis (Politecnico di Torino, Italy); Ram Keralapura (Narus, USA)

Rogue Femtocell Owners: How Mallory Can Monitor My Devices -- [Presentation]
David Malone (NUI Maynooth, Ireland); Darren F Kavanagh (Trinity College Dublin, Ireland); Niall Murphy (Google, Ireland)

Botnet detection revisited: theory and practice of finding malicious P2P networks via Internet connection graphs -- [Presentation]

Stefan Ruehrup (FTW, Austria); Pierfrancesco Urbano (FTW, Austria); Andreas Berger (FTW Telecommunications Research Center Vienna, Austria); Alessandro D’Alconzo (Telecommunications Research Center Vienna (ftw.), Austria)

10 Gbit Line Rate Packet-to-Disk Using n2disk -- [Presentation]

Luca Deri (NTOP, Italy); Alfredo Cardigliano (NTOP, Italy); Francesco Fusco (ETH, Switzerland)

15:30-16:00 Coffee break
16:00-17:10

Session IV "Global Internet" -- Session Chair: Ernst Biersack

**Gaining Insight into AS-level Outages through Analysis of Internet Background Radiation**

-- [Presentation]

Karyn Benson (CAIDA/UCSD, USA); Alberto Dainotti (CAIDA, UC San Diego, USA); Kimberly Claffy (CAIDA, USA); Emile Aben (RIPE NCC, The Netherlands)

**SpamTracer: How Stealthy Are Spammers?** -- [Presentation]
Pierre-Antoine Vervier (Eurecom, France); Olivier Thonnard (Symantec, France)

Improving AS Relationship Inference Using PoPs -- [Presentation]

Lior Neudorfer (Tel Aviv University, Israel); Yuval Shavitt (Tel-Aviv University, Israel); Noa Zilberman (Tel-Aviv University, Israel)

Registration

http://infocom.di.unimi.it/index.php/registration.html