

Personal page

Publications

[All publications](#)

[Journal papers](#)

[Books/book chapters](#)

[Conferences](#)

Courses

[Dati, algoritmi e le frontiere dell'informatica –](#)

[Intraprendenti](#)

[Hardware & Wireless Security](#)

[ICT for smart mobility](#)

[Internet Performance and](#)

[Troubleshooting Lab](#)

Projects

[HPC4AI](#)

[ICSC](#)

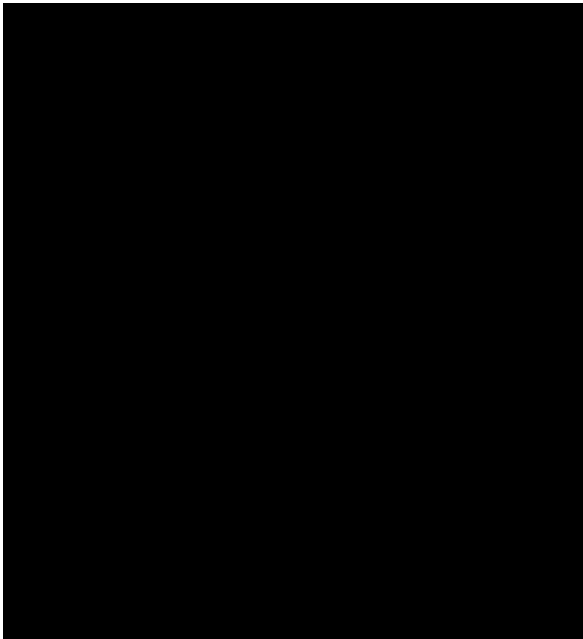
[PIMCity](#)

[SERICS](#)

[SmartData@PoliTO](#)

[Tstat](#)

Marco Mellia



Email: [marco.mellia@polito.it](mailto:marco.mellia@polito.it)

Phone: +39 011 090 4173



I graduated from [Politecnico di Torino](#) with PhD in Electronics and Telecommunication Engineering in 2001. Between February and October 1997, I was a Researcher supported by [CSELT](#). I was a Visiting PhD Student from February 1999 to November 1999 at the [Computer Science Department](#) of [Carnegie Mellon University](#), where I worked with [Prof. Hui Zhang](#) and [Ion Stoica](#). From February to March 2002 I visited the [Sprint Advanced Technology Laboratories](#) in Burlingame, California, working at the [IP Monitoring Project](#) (IPMON). During the summer of 2011 and 2012, I visited [Narus Inc.](#), Sunnyvale, California, where I worked on traffic classification problems. In the summer of 2017, I visited [Cisco Systems](#) in San Jose, California. I am the co-founder of [Ermes Cyber Security](#), a startup providing B2B solutions to protect companies from web threats.

I co-authored over 250 papers published in international journals and presented at leading international conferences, all in the area of telecommunication networks. I hold 13 patents. I was awarded the IRTF [Applied Networking Research Prize](#) in 2013 and the best paper award at ACM CoNEXT 2013, IEEE TRAC 2015, IEEE ICDCS 201, ITC 2015, and ITC 2018. I participated in the program committees of several conferences, including ACM SIGCOMM, ACM CoNEXT, ACM IMC, and IEEE Infocom. I am Editor in Chief of the [Proceedings of the ACM on Networking](#). I was the coordinator of FP7 [mPlane](#) Integrated Project and of the H2020 [PIMCity](#) project. I was the coordinator of [SmartData@PoliTO](#) interdepartmental centre in Politecnico, where more than 50 students, professors, and researchers work on Big Data, Machine Learning and Data Science applications.

My research interests are at the intersection between Internet Traffic Monitoring, Cybersecurity and Artificial Intelligence.

I'm a Full Professor at the [Department of Control and Computer Engineering](#) at [Politecnico di Torino](#), a member of [SmartData@PoliTO](#) centre, and an [IEEE Fellow](#).

Check my [public calendar](#) if you want to fix an appointment with me :)

Collaborators	Editor and Steering Committees:	Awards:
<p><a href="#">Idilio Drago</a> – Associate Professor – Unito</p> <p><a href="#">Danilo Giordano</a> – Assistant Professor</p> <p><a href="#">Luca Vassio</a> – Assistant Professor</p> <p><a href="#">Martino Trevisan</a> – Assistant Professor</p> <p>UniTS</p> <p><a href="#">Nikhil Jha</a> (2020) – PhD</p> <p><a href="#">Rodolfo Viera Valentim</a> (2020) – PhD</p> <p><a href="#">Luca Gioaccini</a> (2021) – PhD</p> <p><a href="#">Boffa Matteo</a> (2021) – PhD</p> <p>Zhihao Wan (2023) – Visiting PhD</p> <p>Giordano Paoletti (2023) – PhD</p> <p>Kai Huang (2023) – PhD</p>	<p>Editor in Chief of Proceeding of the ACM on Networking (<a href="#">PACMNET</a>)</p> <p><b>Past services:</b></p> <p>SC Chair of <a href="#">ACM CoNEXT</a> – ended 2023</p> <p>Editorial Board of <a href="#">Computer Networks</a> – ended 2023</p> <p>Area Editor of <a href="#">ACM CCR</a> – ended 2023</p> <p>Editorial Board of <a href="#">IEEE TSNM</a> – ended 2023</p> <p>Editorial Board of <a href="#">IEEE/ACM TON</a> – ended 2019</p> <p>SC chair of <a href="#">IEEE/IFIP TMA</a> – ended 2018</p> <p><b>Conference chairing:</b></p> <p>Chair of the <a href="#">First ACM Data Economy Workshop</a> 2022</p> <p>TPC for <a href="#">Conext 2022</a> Student Workshop</p> <p>Tutorial Chair of <a href="#">Performance 2021</a></p> <p>Technical Program Committee <a href="#">ACM SIGCOMM NetAI'20</a></p> <p>Tutorial Chair of <a href="#">Performance 2020</a></p> <p>Member of the <a href="#">ACM SIGCOMM Doctoral Dissertation Award Committee</a> for 2017</p> <p>Program Chair of <a href="#">ACM SIGCOMM Big-DAMA 2018</a></p> <p>Program Chair of <a href="#">ACM CoNEXT 2017</a></p> <p>Program Chair of <a href="#">ACM SIGCOMM Big-DAMA 2017</a></p> <p>Program Chair of IEEE/IFIP <a href="#">TMA 2017</a></p> <p>Area chair of <a href="#">ITC 2016</a> for Network Measurements and Analysis.</p> <p>Travel Grant Chair of <a href="#">ACM SIGCOMM 2014</a></p> <p>Poster and Demo Chair, <a href="#">IEEE Infocom 2013</a></p> <p>PC chair of <a href="#">2nd TMA workshop 2010</a></p> <p><b>Program committee participation:</b></p> <p>TPC of <a href="#">ECML PKDD 2024</a></p> <p>TPC of <a href="#">ICNP 2024</a></p> <p>TPC of <a href="#">TMA 2024</a></p> <p>TPC of <a href="#">CoNEXT 2024</a></p> <p>TPC of <a href="#">IEEE Infocom 2024</a></p> <p>TPC of <a href="#">CoNEXT 2021</a></p> <p>TPC of <a href="#">WAIN 2020</a></p> <p>TPC of ACM <a href="#">CoNEXT 2019</a></p> <p>TPC of <a href="#">PAM 2019</a></p> <p>TPC of <a href="#">MNM'19</a></p> <p>TPC of WAIN – <a href="#">Workshop on AI in Networks 2018</a>@ Performance 2018</p> <p>TPC of IFIP <a href="#">Performance 2018</a></p> <p>TPC of IEEE <a href="#">LANMAN 2018</a></p> <p>TPC of IEEE JSAC on <a href="#">CACHING FOR COMMUNICATION SYSTEMS AND NETWORKS</a></p> <p>TPC of <a href="#">ITC 30</a></p> <p>TPC of <a href="#">ACM SAC</a> 2018</p> <p>TPC of <a href="#">VLDB 2017</a> workshop on <a href="#">Enabling Real-Time Business Intelligence</a></p> <p>TPC of <a href="#">ACM SIGCOMM 2017 Reproducibility Workshop</a></p> <p>TPC of <a href="#">ACM SAC</a> 2017</p> <p>TPC of <a href="#">PAM</a> 2017</p> <p>TPC of <a href="#">IEEE Infocom</a> 2017</p> <p>and many others in the past</p>	<p><a href="#">IEEE Fellow</a> 2021 for contributions to Internet traffic analysis</p> <p><a href="#">Andrea Morichetta</a> won the <a href="#">Best Student Paper Award</a> at ITC'18</p> <p><a href="#">Enrico Bocchi</a> has been awarded the <a href="#">GTTI Award for PhD Theses in the field of Communication Technologies</a> for his PhD Thesis</p> <p><a href="#">Danilo Giordano</a> and the <a href="#">BGPStream</a> team won the 2017 Applied Networking Research Prize(<a href="#">ANRP</a>)!</p> <p>The paper <a href="#">CrowdSurf: Empowering Transparency in the Web</a> has been selected as the Best Paper of ACM CCR and will be presented as <a href="#">Sigcomm'16! Best Demo Award</a> IEEE WOWMOM 2016</p> <p><a href="#">Danilo Giordano</a> got the <a href="#">Best Student Paper</a> at ITC'15</p> <p><a href="#">Best Paper Award</a>, IEEE ICDCS 2015</p> <p><a href="#">Best Paper Award</a>, IEEE TRAC 2015</p> <p><a href="#">Best Short Paper Award</a>, ACM CoNEXT 2013</p> <p><a href="#">Best Student Paper Award</a> at ITC24, 2012</p> <p>Best Paper Award at IEEE P2P 2012</p> <p>Winner of the <a href="#">IETF ANR Prize</a> at IETF-88</p> <p>IEEE Fellow Member (2021)</p> <p>ACM Member (2008)</p>