

Contact information

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Research projects/interests

- Measure-X (Measuring coeXisting applications in 5G)
 - create a network measurement system (AoI, energy, latency, throughput) for 5G
- Activities are part of the TARGET-X European Project
 - <https://target-x.eu>



Co-funded by
the European Union

6G SNS



Research projects/interests

- C2ASPER project (Computing, Communication, And Sensing in the Pervasive IoT ERa)
- Pervasive IoT, focusing on the interplay between sensing, communication and computing in massive deployment of heterogeneous devices
- Novel solutions, in terms of both foundational concepts and concrete technological enablers, for the future pervasive and sustainable IoT.
- Energy efficiency of communication schemes and protocols
- Energy efficiency of computation offloading using edge-computing platforms



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Research projects/interests

- UNTWISTER, UsiNg digital TWIns to enable Security in cybER-physical ecosystems
- Study the impact of attacks on network communication in Cyber-Physical Systems.
 - Aol, Energy



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Research projects/interests

- THE – Tuscany Health Ecosystem: Advanced technologies, methods and materials for human health and well-being
- Well-being
 - Neuroaesthetics (EEG signals to reveal common patterns when experiencing beauty)
 - classify beautiful/non-beautiful paintings as perceived by visitors
 - Changes in EEG signals due to mindfulness



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Research projects/interests

- Network measurements at large
 - Country/continent (impact of war on the Internet in Ukraine)
 - Connectivity of Mediterranean insular regions
- New protocols
 - QUIC vs TCP from the point of view of energy consumption