

Giovedì 13 Aprile 2023, 09:00
Aula Informatica A, Plesso di Ingegneria



Securing the consumer Internet of Things: an Overview and Research Perspectives



From smart speakers, to baby monitors, and smart kettles and TVs, these devices are increasingly found in households around the world while users may be unaware of the risks associated with owning these devices. **Why are they so cheap and what is the real value they give back to us?** In this talk, I will explore examples of information exposure from consumer IoT devices and share my longer-term research vision towards an IoT user-centered ecosystem which is privacy-aware, secure, efficient, and reliable.

Speaker: Anna Maria Mandalari is an Assistant Professor at University College London (UCL), a member of the UCL's Academic Center of Excellence in Cyber Security Research, and an Honorary Research

Fellow at the Institute for Security Science and Technology at Imperial College London. She obtained her PhD within the framework of a Marie Skłodowska-Curie action, affiliated with the Carlos III University of Madrid. She received her Master degree in Information technologies for Telecommunication Engineering from University Mediterranea of Reggio Calabria. Her research interests are in Internet of Things, privacy, security, networking and Internet measurements.

Il seminario è erogato nell'ambito del Dottorato di Ricerca in Ingegneria dell'Informazione e dell'insegnamento 'Internet of Things' del Corso di Laurea Magistrale in Ingegneria Informatica e dei Sistemi per le Telecomunicazioni ed è aperto a tutti gli interessati.