

SEMINAR ANNOUNCEMENT

Monday 13 January 2020, 11.30-12.30 am
Meeting Room 4.19, Floor IV, Building 3/A DIETI - Via Claudio, 21 NAPOLI



Dr. Antonio Ken Iannillo

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CYBERSECURITY AND FUZZING FOR ROBOTS, BLOCKCHAIN, AND MORE

Abstract: Cybersecurity is one of top priorities for Europe and other governments around the world. Cybersecurity testing has the goal to identify the threats in a system and measure its potential vulnerabilities, so the system does not stop functioning or is exploited. Detecting all possible security risks in the system, testing help developers in fixing these problems through coding. In this

seminar, we are going to talk about fuzz testing, an automated software testing technique famous because of its simplicity and efficacy. Furthermore, we are going to discuss different projects and their results where fuzz testing is being applied to robot operating system (ROS), Ethereum blockchain smart contracts, and more.

CV: Antonio Ken Iannillo (PhD) is a research associate at the Interdisciplinary Centre for Security, Reliability and Trust (SnT) of the University of Luxembourg. Before moving to Luxembourg, Dr. Iannillo was a post-doc researcher at the University of Naples Federico II, where he also received his PhD in Information Technology and Electrical Engineering (ITEE) in January 2018.

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