



## **SecReSy4You - Young researcher network for security and resilience of critical cyber-physical systems**

Control systems are essential for critical infrastructures such as electricity and transportation. As connectivity increases, so does the need for robust cybersecurity to counter sophisticated attacks. Yet current security measures often address cyber and physical aspects separately, overlooking their interconnection and resulting in limited effectiveness. Academic research, meanwhile, frequently fails to capture real-world industry challenges, with proposed solutions rarely validated in practice. Supported by the Marie Skłodowska-Curie Actions programme, the SecReSy4You project aims to strengthen the security and resilience of cyber-physical systems through a sustainable training programme for the next generation of innovators. It will combine specialised training with efforts to detect vulnerabilities in legacy systems and establish design requirements for future networked control systems.

**Coordinator:** University of Cyprus

**Beneficiary:** Università degli Studi d Padova

**UNIPD Supervisor:** Mauro Conti

**Department:** Department of Mathematics

**Total Contribution:** Euro 2 929 141, 08

**Project Duration in months:** 48

**Find out more:** <https://cordis.europa.eu/projects/en>