

CICLO DI LEZIONI

DISTRIBUTED LEDGER TECHNOLOGY AND APPLICATIONS

by Prof. Antanas Čenys

27 e 28 Aprile, 2022 - Aula Magna, DSEAS

27 APRILE: 09:00 – 14:00

- Basic concepts of distributed ledgers technology (DLT) (2 hours)
Distributed identity; DLT and blockchain technology; network consensus, smart contracts
- DLT in finance - cryptocurrencies (2 hours)
Bitcoin; Ethereum; Stablecoins; Central bank digital currencies;
- Security of DLT and blockchains (1 hour)
Pseudonymous identity; hash trees; future risks

28 APRILE: 09:00 – 12:30

- Present and future of DLT (2 hours)
Financial services; Government services; Supply chain management
- Break (30 min.) and Short Exam (1 hour)

Organizzatore:

Prof.ssa Arabella Mocciano Li Destri

Invited Lecturer:

Prof. Antanas Čenys

- *Professor of informatics, Vilnius Gediminas Technical University, Lithuania*
- *Ph.D. in Physics, Vilnius University, Lithuania*

Over 40 years of his professional experience combines research in physics, chaos theory and ITC, administrative and managerial work for research, higher education, and governmental institutions. He worked as visiting researcher at NORDITA (DK), KFA Julich (GE), Ecole Normale Supérieure (FR), and EU JRC Institute of Perspective Technological Studies (ES). He coordinated more than 15 EC and NATO research projects and published more than 200 scientific publications (WoS h-factor 16). He established IT security laboratory; was the Vice-Rector for Research at VGTU and the chairman of Lithuanian Rector's Conference science committee. Received Lithuanian National Award of Science in 1999. As an expert participated in a number of EC projects evaluation committees and was a member of the evaluation group of the results of EU FP6 research program. Now he is the chairman of the Lithuanian IEEE Computer Chapter.

Gli studenti dei corsi di laurea magistrale LM77 ed LM56 che parteciperanno al ciclo di lezioni avranno diritto ad 1 CFU, previo superamento di una prova di verifica.