CYBER PHYSICAL SUMMER SCHOOL 2018

2ND EDITION
SEPTEMBER 17-21 2018
ALGHERO, SARDINIA, ITALY

Designing Cyber-Physical Systems – From concepts to implementation

Alghero (Italy) - September 17-21, 2018

http://www.cpsschool.eu

School Director

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Cyber-physical systems (CPS) are complex and autonomous ensembles of interacting components offering smart and adaptive functionalities. These systems are increasingly pervasive used in a variety of applications with a growing market, potentially bringing about significant social benefits. However, they present challenges and trade-offs to: i) adapt to the changing environments, ii) heal themselves, iii) operate in uncertain operation environments, iv) interact with humans as users and/or as operators. The CPS summer school is targeted at students, research scientists, and R&D experts from academia and industry, who want to learn about CPS engineering and applications. The program is composed of both lectures and practical sessions, covering all the design phases of CPS (i.e., from concept to the definition of the final system and the discussion of the key challenges).

The complete list of topics (http://www.cpsschool.eu/program/) and lectures (http://www.cpsschool.eu/confirmed-speakers/) is now available. Our distinguished lecturers include:

-Alberto Sangiovanni-Vincentelli, University of California, Berkeley (USA)

-Alessandro Cimatti, Fondazione Bruno Kessler, Trento (Italy)

-Danilo Pau, STMicroelectronics, Agrate Brianza (Italy)

For registration fees and instructions, please visit: http://www.cpsschool.eu/application/

The school is open to up to 40 participants. Applications will close the 2nd of July 2018.

Accepted participants will be notified by the 6th of July 2018.