



International Workshop on Cyber Physical Systems - IWoCPS

IWoCPS-2017

**International Workshop on Cyber Physical
Systems**

In conjunction with

21th International Conference on Control Systems and Computer Science
29-31 May 2017,
Faculty of Automatic Control and Computers
University Politehnica of Bucharest, Romania

Date: 30 May 2017, 16.00-17.30

Workshop Chairs:

Ioan Dumitrache (University Politehnica of Bucharest, Romania)

Florin Gheorghe Filip (Romanian Academy, Romania)

Cyber Physical Systems - Oriented Design of Cooperative Control for Vehicle Platooning

Alexandru Țigănașu, Corneliu Lazar, Constantin Florin Căruntu

Holistic Approach for Process Model Discovery

Dragoș Repta, Aurelian Mihai Stănescu

Modelling Inverse Kinematics for Virtual Environment Robot Simulation

Victor Vlădăreanu, Sergiu B. Cononovici, Radu I. Munteanu, Hongbo Wang, Yongfei Feng, Luige Vlădăreanu

A Cyber Physical Systems Approach for Agricultural Enterprise and Sustainable Agriculture

Ioan Dumitrache, Simona Iuliana Caramihai, Ioan Ștefan Sacală, Mihnea Alexandru Moisescu

Management of IoT Devices in a Physical Network

Jose Ferreira, Joao Nuno Soares, Ricardo Jardim-Goncalves, Carlos Agostinho

A Cyber-Physical Systems Oriented Transaction Platform

Eugen Pop, Mihnea Alexandru Moisescu, Ioan Ștefan Sacală