The CRETE Project Welcomes the 4th Industrial Revolution
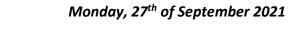
An online training event on the emerging technologies of Society 4.0

The Lecture Program

Monday, 27th of September 2021

In Zoom Platform (all the times are local Athens Time)

Time Slot	Title	Presenter	Affiliation
10.00 – 10.15	Functional Materials for Wearable Electronics	Dr. K. Petridis	CRETE Project Coordinator, Department of Electronic Engineering, Hellenic Mediterranean University (HMU), Greece
10.20 – 10.35	Face to face with the past: A 3D printing story	Dr. M. Maravelakis	Department of Electronic Engineering, HMU, Greece
10.40 – 10.55	An Introduction to the Autonomous Driving	Dr. Periklis Chatzimisios	Department of Informatics, International Hellenic University, Greece
11.00 – 11.15	**Short Break**		
11.15 – 11.30	The Drones era	Mr. Ilias Papaevgeniadis	Altus LSA, Greece
11.35 – 11.50	The Quantum Computing era	Dr. Afif Siddiki	Faculty of Engineering & Natural Sciences, Kadir Has University, Turkey
11.55 – 12.10	An Introduction to Educational Robotics	Dr. L. Doitsidis	School of Production Engineering & Management, technical University of Crete, Greece
12.15 – 12.30	**Short Break**		
12.30 – 12.45	Discover the Potential of 5G Communications	TBA	TBA
12.50 – 13.05	A brief tour in the World of Artificial Intelligence	Dr. B.M.A. Cuncha	Informatics Engineering Department, Institute of Engineering, Polytechnic of Porto
13.10 – 13.25	The IoT Principles & Applications	Mr. J. Westlake	Business School, University of Staffordshire, UK
13.30 – 14.30	**Lunch Break**		
14.35 – 14.50	The Industrial IoT	Mr. Bert Pauwels	AP HOGESCHOOL, Antwerp, Belgium

14.55 – 15.10	Virtual Rehabilitation: Virtual reality and interactive digital game technology as a clinical tool	Dr. Emil Rosenlund Hoeg	Department of Architecture, Design and Media Technology Aalborg University, Denmark
15.15 – 15.30	The Smart City Concept	Mr. D. Van Merode	AP HOGESCHOOL, Antwerp, Belgium
15.35 – 15.50	The World of Data Science	Mr. J. Vila	EVM, Spain
15.55 – 16.05	**Short Break**		
16.10 – 16.25	The Open Science Principle	Dr. K. Zourou	W2L, Greece
16.30 – 16.45	The Human's 4.0 Soft Skills	Ms. Y. Fernandez	EVM, Spain
16.50 – 17.05	Modern Pedagogies for the University of the Future: the concept of the Flipped Classroom	Dr. E. Triantafyllou	Department of Architecture, Design and Media Technology Aalborg University, Denmark
17.10 – 17.20	Modern Pedagogies for the University of the Future: the concept of the Scrum Pedagogy	Mr. M. Lourakis	Department of Electronic Engineering, HMU, Greece
17.25 – 17.40	The University of the Future: The ATHENA European University	Dr. N. Escudeiro	Informatics Engineering Department, Institute of Engineering, Polytechnic of Porto
17.45 – 18.00	Closing of the School, final remarks from Dr. Konstantinos Petridis		