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Piraeus, Greece
20 – 22 September 2019

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General Session: On-going projects and considerations I

16:15-17:55, Sept 20, Chair: Michael Dossis, Conference Room: Main Amphitheatre

Advancing Rational Exploitation of Water Irrigation Using 5G-IoT Capabilities: The AREThOU5A Project, S. K. Goudos, A. D. Boursianis, M. S. Papadopoulou, A. Liopa-Tsakalidi, P. Barouchas, G. Kalamaras, A. Gotsis, K. Maliatsos...N/A

MARS: An IoT-enabled Smart Farming Platform Using Drones, Panagiotis Sarigiannidis, George Kakamoukas, Vasilis Moisiadis, Panagiotis Radoglou-Grammatikis, Michalis Zervakis, George Livanos, Dimitris Ramnalis, Vassilis Polychronos, Thomai Karamitsou, Athanasios Folinas, and Nikos Tsitsiokas...N/A

GreenWaterDrone: Development and Implementation of an Innovative and Cost-effective System for the Precise & Dynamic Irrigation Scheduling and Crop Monitoring. Panos Filippopoulos**...N/A**

SYSYFOS - Development of an Integrated System for high-performance and high-reliability compression and management of hyperspectral image data, Michalis Psarakis...N/A

Building a Cyber Security Network of Competence Centres for Europe (CyberSec4Europe): The Case of Maritime Transport, Elena-Maria Kalogeraki, Spyros Papastergiou, Panos Kotzanikolaou and Christos Douligeris**...N/A**

TRESSPASS: robusT Risk basEd Screening and alert System for PASSengers and luggage, Stelios C. A. Thomopoulos and Dimitris Kyriazanos...N/A

Session A1: IoT and IoE Implementations and Approaches I

18:00-19:15, Sept 20, Chairs: George Koufoudakis and Vasileios Komianos, Conference Room: Main Amphitheater

The VISOR project: Virtual coachIng Services for OldeR adults, Evaggelos Spyrou, Eirini Mathe, Ioannis Vernikos, Panagiotis Dedousis, Anna Vlachou and Phivos Mylonas...1

Structural Health Monitoring In Historical Buildings Using A Low Cost Wireless Sensor Network, Konstantinos Bezas, Vasileios Komianos, Konstantinos Oikonomou, George Koufoudakis and Georgios Tsoumanis...6

Constructing Minimal Maintenance Virtual Backbones over Low-Cost Wireless Networks, Alexandros Zervopoulos, Vasileios Komianos, Konstantinos Skiadopoulos, Georgios Tsoumanis, Athanassios Spiggos, Konstantinos Giannakis and Konstantinos Oikonomou...10

Description of the Ionian University's Campus Wireless Network Testbed Infrastructure, Asterios Papamichail, Aikaterini Georgia Alvanou, Alexandros Zervopoulos, Konstantinos Bezas, Spiridon Vergis, George Koufoudakis, Konstantinos Oikonomou and Georgios Tsoumanis...16

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MELITY: Development of methodologies and embedded security solutions for IoT in e-health services, V. Malamas, C. Nomikos, P. Kotzanikolaou, M.Psarakis, C. Douligeris...N/A

LOCARD: Managing the chain of custody of digital evidence, Thomas Dasaklis and Costas Patsakis...N/A

CUREX: seCUre and pRivate hEalth data eXchanGE, Christos Xenakis...N/A

Cyber Security and Resilience in Critical Infrastructures – The case of the Maritime sector, George Kavallieratos**...N/A**

MARINE-EO and CIVILnEXt: Two examples of PCP (Pre-Commercial Procurement) projects: Challenges & Lessons learned, Stelios C. A. Thomopoulos, Tassos Kanellos, Adam Doulgerakis Giorgos K. Thanos**...N/A**

Session A3: Computer Networks and Communications

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