

# IREEDER IoT Training Workshop Agenda

17-28 June 2021

Coordinator: Dr. Marios Raspopoulos (UCLan)  
Microsoft Teams

## Thursday 17th June 2021

Jordan Time	Topic	Presenter (s)
09:00-10:00	General introduction to the workshop	Dr. Marios Raspopoulos – WP2 Leader (IoT Course Leader)
10:00-11:30	<b>Introduction to IoT</b> and Discussion	Dr. Marios Raspopoulos
11:30-13:30	<b>Revision of Basic Programming and IoT IDE</b> and discussion	Dr. Nearchos Paspallis & Dr. Marios Raspopoulos
13:30-15:00	<i>Break</i>	
15:00-17:30	<b>Software Development for IoT Embedded Systems</b> and Discussion	Dr. Nearchos Paspallis & Dr. Marios Raspopoulos

## Tuesday 22<sup>nd</sup> June 2021

Jordan Time	Topic	Presenter (s)
09:30-11:00	<b>IoT architecture and components</b> (1 of 2)	Dr. Marios Raspopoulos & Dr. Stelios Ioannou
11:00-12:30	<b>IoT architecture and components</b> (2 of 2)	Dr. Marios Raspopoulos & Dr. Stelios Ioannou
12:30-13:30	<b>IoT architecture and components:</b> Discussion	Dr. Marios Raspopoulos & Dr. Stelios Ioannou
13:30-15:00	<i>Break</i>	
15:00-17:30	<b>IoT Connectivity Technologies</b> and Discussion	Dr. Felipe Gil Castiñeira & Dr. Marios Raspopoulos

**Wednesday 23<sup>rd</sup> June 2021**

Jordan Time	Topic	Presenter (s)
09:30-11:30	<b>IoT Microcontrollers, Sensors for Data Acquisition and Actuators</b>	Dr. Fabrizio Granelli and Dr Marios Raspopoulos
11:30-13:30	<b>IoT Connectivity Protocols</b>	Dr. Fabrizio Granelli and Dr Marios Raspopoulos
13:30-15:00	<i>Break</i>	
15:00-16:30	<b>Data Storage and Cloud Systems</b>	Dr. Fabrizio Granelli and Dr Marios Raspopoulos
16:30-18:00	<b>Data Analytics and Applications</b>	Dr. Fabrizio Granelli and Dr Marios Raspopoulos

**Thursday 24<sup>th</sup> June 2021**

Jordan Time	Topic	Presenter (s)
09:30-11:30	<b>IoT Security and security Standards</b>	Dr Eliana Stavrou & Dr. Marios Raspopoulos
11:30-13:30	<b>Ethics in IoT Networks and Applications</b>	Dr. Josephina Antoniou & Dr. Marios Raspopoulos
13:30-15:00	<i>Break</i>	
15:00-17:30	<b>Key-Enabling Technologies and Applications in IoT</b>	Dr. Marios Raspopoulos

**Monday 28<sup>th</sup> June 2021**

Jordan Time	Topic	Presenter (s)
09:30-13:30	IoT Practical Worksheets	Provider of the IoT equipment
13:30-15:00	<i>Break</i>	
15:00-17:30	General Discussion - Feedback	Dr. Marios Raspopoulos