



Technological Educational Institute (TEI) of Crete

Department of Electronic Engineering

5th Erasmus Teaching Week on “Modern Topics in Electronics and Applications”

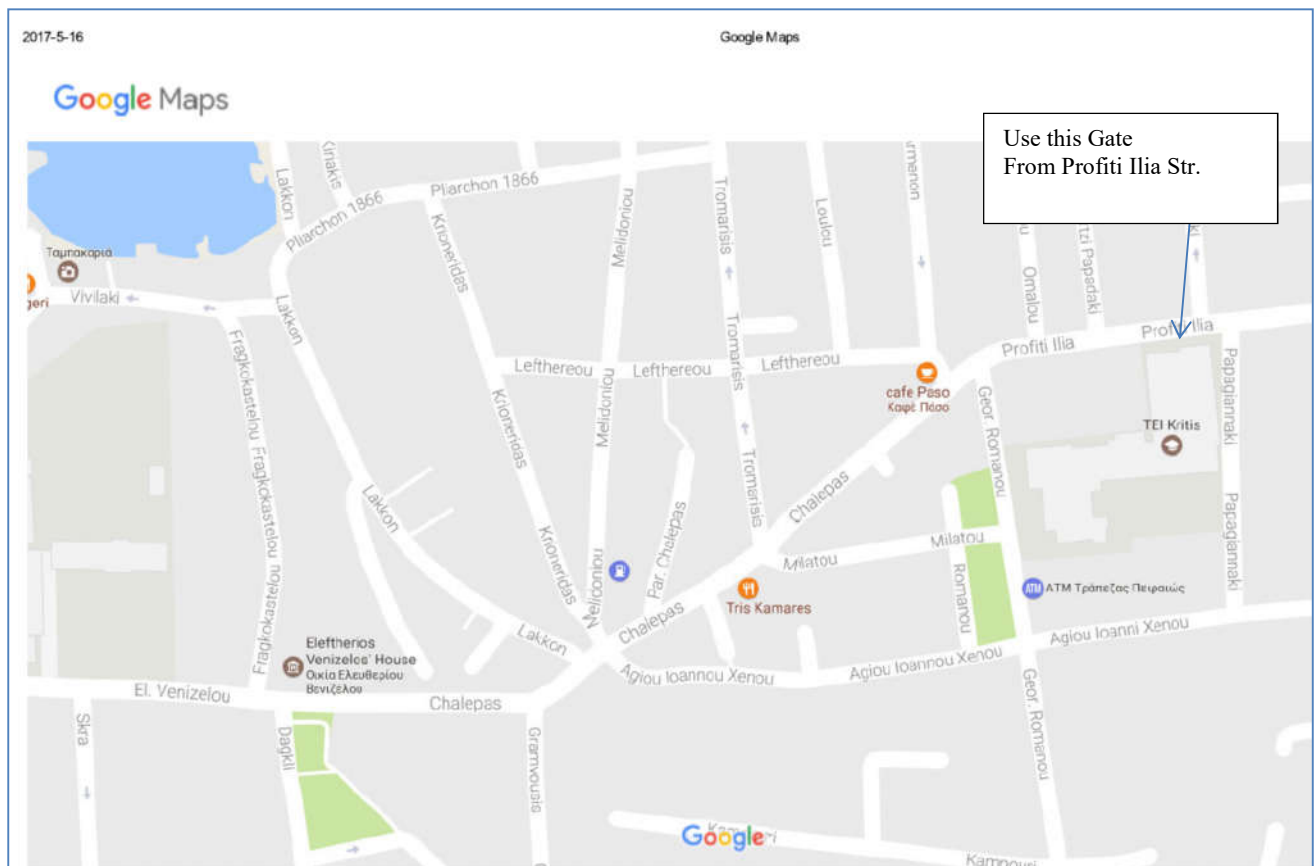
Chania, Crete, Greece, 20-26 May 2018



SUNDAY 20th MAY

18:30-20:00	Welcome Reception in TEI – Chania	New Building, meeting room
-------------	-----------------------------------	----------------------------

How to find us



Please use Google Maps and search for T.E.I. of Crete - Chania Branch, Georgiou Romanou, Chania



Technological Educational Institute (TEI) of Crete

Department of Electronic Engineering

5th Erasmus Teaching Week on “Modern Topics in Electronics and Applications”

Chania, Crete, Greece, 20-26 May 2018



Time Schedule & Lecture Halls (Preliminary program 1)

MONDAY 21st MAY

Time	Lecture Room 8	Lecture Room 12	Lecture Room 13	Lab Room 1
08:30-09:00	Welcome	Welcome	Welcome	
09:00-11:00	“Embedded Systems” João Carlos da Silva MARTINS <i>Instituto Politécnico de Beja Portugal</i>	“Development of Diagnostic Sensors for Industrial Applications” Stanislav KLUSACEK <i>Brno University of Technology, Czechia</i>	“Cognitive Radio networks and its applications” Naser ABUZAID <i>An-Najah National University, Palestine</i>	Creativity in Software Project Anna Bobkowska <i>Gdansk University of Technology, Poland</i>
11:00 -11:30	Break			
11:30-13:00	“Model driven development for embedded systems based on non-autonomous Petri nets” João Paulo BARROS <i>Instituto Politécnico de Beja Portugal</i>	“softcore on miniature FPGA” Patrick PELGRIMS <i>Thomas More University College, De Nayer Belgium</i>	“Topics in Information & Communication Technologies” Egon TENIKER <i>FH JOANNEUM, Austria</i>	Creativity in Software Project Anna Bobkowska <i>Gdansk University of Technology, Poland</i>
13:00-15:00	Lunch			
15:00-17:00	“Power electronics, microcontrollers and embedded systems” Samer MAYALECH <i>An-Najah National University, Palestine</i>	Creativity in Software Project Anna Bobkowska <i>Gdansk University of Technology, Poland</i>	“Theory, equipment & methodology for conducting practical trainings of Pulse & Mixed-signal Circuits Techniques” Dimiter BADAROV <i>Technical University of Sofia Bulgaria</i>	Workshops
17:00-17:30	Break			
17:30-20:30	ERASMUS/ELBYSIER Project Multiplier Event/ Welcome reception			



Technological Educational Institute (TEI) of Crete

Department of Electronic Engineering

5th Erasmus Teaching Week on “Modern Topics in Electronics and Applications”

Chania, Crete, Greece, 20-26 May 2018



TUESDAY 22nd MAY

Time	Lecture Room 8	Lecture Room 12	Lecture Room 13	Lab Room 1
09:00-11:00	"Embedded Ultrasound Doppler Monitor to Detect Cerebral Vascular Accidents : A Review" Jean-Marc GIRAULT Polytech Tour, France	"Asynchronous Design Implementation in XILINX Reconfigurable Environment" Viktors Gopejenko ISMA University, Latvia	"Application of IoT technology in ERP Systems" Rádai LEVENTE Óbuda University Hungary	
11:00 -11:30	Break			
11:30-13:00	"Topics in Robotics, Automation, Embedded Systems & Energy" Rachid LBIBB Sultan Moulay Slimane University, Beni Mellal Morocco	"Sensor based method for water monitoring in smallholder irrigated agriculture" Kevin NJUU Ardhi University, Tanzania	Topics in Information & Communication Technologies Ergon TENIKER FH JOANNEUM, Austria	"From Idea to product" with Altium Designer en Microchip MPLAB development." Patrick PELGRIMS Thomas More University College, De Nayer Belgium
13:00-15:00	Lunch			
15:00-17:00		"Sensors for mobile robots" Stanislav KLUSACEK Brno University of Technology, Czechia	Topics in Information & Communication Technologies Ivo DRAGONOV Technical University of Sofia Bulgaria	"From Idea to product" with Altium Designer en Microchip MPLAB development." Patrick PELGRIMS Thomas More University College, De Nayer Belgium
17:00-17:30	Break			
17:30-19:30	Contacts with the students	Contacts with the students	Contacts with the students	Contacts with the students



Technological Educational Institute (TEI) of Crete

Department of Electronic Engineering

5th Erasmus Teaching Week on "Modern Topics in Electronics and Applications"

Chania, Crete, Greece, 20-26 May 2018



WEDNESDAY 23rd MAY

Time	Lecture Room 8	Lecture Room 12	Lecture Room 13	Lab Room 1
09:00-11:00	"Optimal Command for Embedded Ultrasound Imaging System." Jean-Marc GIRAULT Polytech Tour, France	"Virtual Technologies for intelligent measurements in Electronics" Zdravka SIMEONOV Technical University, Sofia Bulgaria	"ICT applications in education and use animation-simulation models" Veronika STOFFOVÁ Trnava University Slovakia	Workshops
11:00 -11:30	Break			
11:30-13:00	"Complexity Analysis of Biomedical Times Series with Entropic, Chaotic and Geometric Approaches". Jean-Marc GIRAULT Polytech Tour, France	"Virtualization" Phaedra DEGREEF Thomas More University College, De Nayer Belgium	"Didactic computer games in the teaching of science and technology subjects" Veronika STOFFOVÁ Trnava University Slovakia	"Egracons: A European Grade Conversion Tool" Serge SCHROEF VIVES University of Applied Sciences, Belgium
13:00-15:00	Lunch			
15:00-17:00	"Control theory, instrumentation and sensors" Mathieu LESCIEUX Polytech Tour, France	"Influence of electromechanical coupling on optical properties of InGaN quantum-dot based LED" Daniele BARETTIN Niccolò Cusano University Rome Italy	"Internet of Things with Raspberry Pi" Jonathan WESTLAKE Staffordshire University United Kingdom	"Node-red workshop" Phaedra DEGREEF Thomas More University College, De Nayer Belgium
17:00-17:30	Break			
17:30-19:30	"Texas Instruments CC3200 for a course in embedded devices" Maarten Van LINT Thomas More University College, Geel Belgium	"R&D activities of Center for High Technological Solutions in Electronics with collaboration with business" Borislav BONEV Technical University of Sofia Bulgaria	"How to be a maker, experiences of Wavemaker maker space" Jonathan WESTLAKE Staffordshire University United Kingdom	"Node-red workshop" Phaedra DEGREEF Thomas More University College, De Nayer Belgium
21:00- ...	Dinner in the City of Chania			



Technological Educational Institute (TEI) of Crete

Department of Electronic Engineering

5th Erasmus Teaching Week on “Modern Topics in Electronics and Applications”

Chania, Crete, Greece, 20-26 May 2018



THURSDAY 24th MAY

08:00	<i>Departure to Rethymno</i>	
09:00-09:15	<i>Visit of Centre for Plasma Physics & Lasers (CPPL) Welcome</i>	<i>Prof. Michael Tatarakis Director of CPPL</i>
09:15 -10:00	<i>Presentation & Guided Tour in CPPL</i>	<i>Prof. Nektarios Papadogiannis . Vice Rector of TEI</i>
10:00	<i>Departure to Heraklion</i>	
11:00-13:00	<i>Knossos Minoan Palace Tour</i>	<i>Dr. Gareth Owens Head Officer of IRO</i>
13:30-15:30	<i>Welcome to TEI /Lunch in TEI Campus</i>	<i>Prof. Nikolaos Katsarakis Rector of TEI</i>
16:00-18:00	<i>Visit of Archeological Museum</i>	<i>Dr. Gareth Owens Head Officer of IRO</i>
19:30	<i>Departure to Chania</i>	



Technological Educational Institute (TEI) of Crete

Department of Electronic Engineering

5th Erasmus Teaching Week on “Modern Topics in Electronics and Applications”

Chania, Crete, Greece, 20-26 May 2018



FRIDAY 25th MAY

Time	TEI Auditorium	
09:00-11:00	<i>Presentation of Universities/Departments/Laboratories/ Research Activities</i>	<i>Poster Session</i>
	<i>Presentation of Universities/Departments/Laboratories/ Research Activities</i>	
11:00 -11:30	Break	
11:30-14:00	<i>Presentation of Universities/Departments/Laboratories/ Research Activities</i>	<i>Poster Session</i>
14:00-16:00	Lunch in Chania Campus	
16:00-17:00	Certificates Award	
17:00-19:00	Visit of Chania Old Harbor and Museum	
19:00-20:30	ERASMUS/ELBYSIER Project Multiplier Event/ (KAM –Arsenali)	Poster Session (KAM-Arsenali)
19:00-22:00	<i>Farewell event</i>	

SATURDAY 26th MAY

Time	KAM-Arsenali (Old Harbour)	
09:00-11:00	<i>Presentation of Universities/Departments/Laboratories/ Research Activities</i>	<i>Poster Session</i>
11:00 -11:30	Break	
11:30-13:00	<i>Presentation of Phaestos Disk By Dr. Gareth Owens</i>	<i>Poster Session</i>
13:00-13:30	Closing Ceremony	