

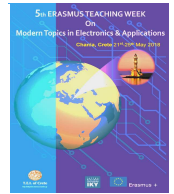


Technological Educational Institute (TEI) of Crete

Department of Electronic Engineering

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

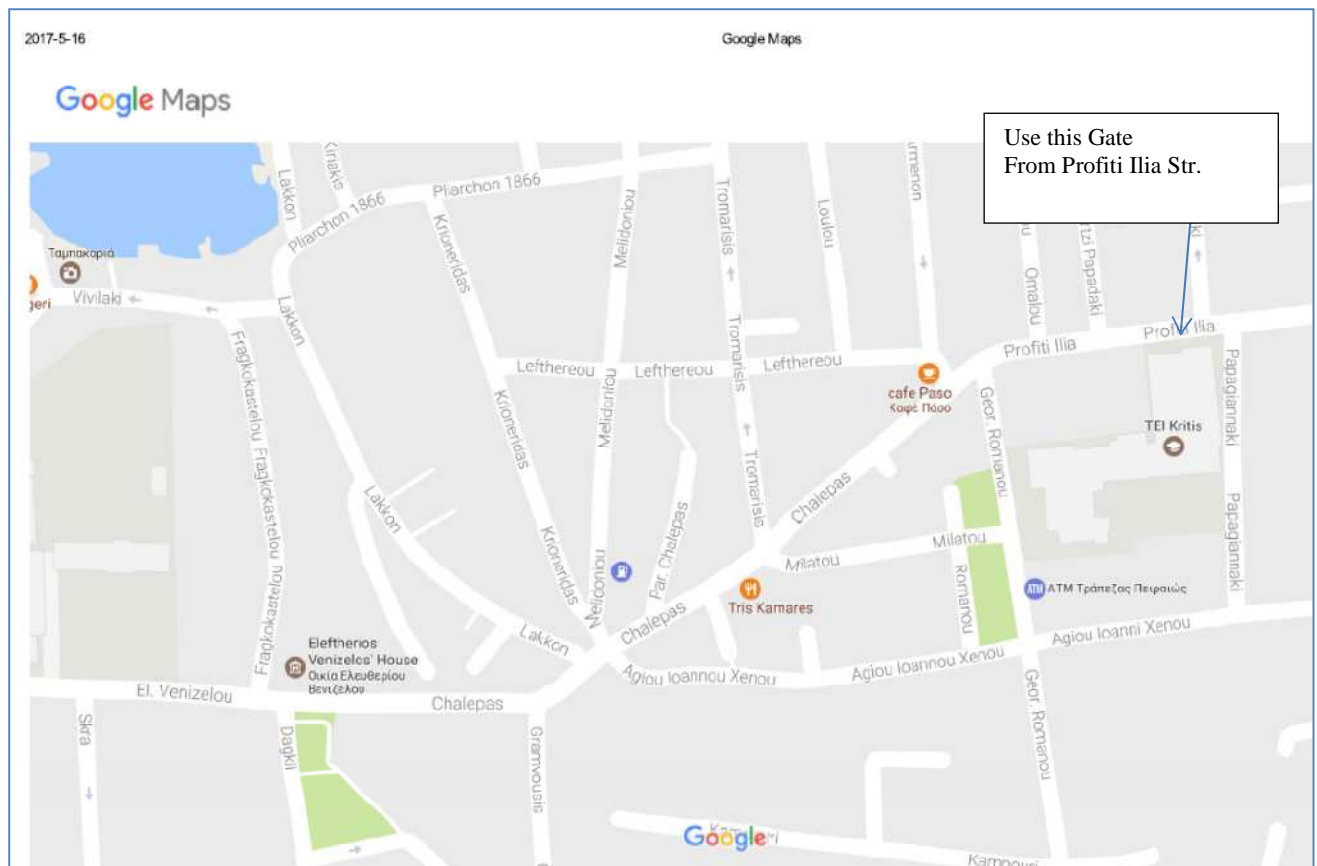
Chania, Crete, Greece, 20-26 May 2018



SUNDAY 20th MAY

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



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

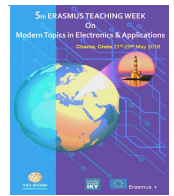


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Time Schedule & Lecture Halls (Preliminary program 1)

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>	“ Continuous Code Quality ” 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			

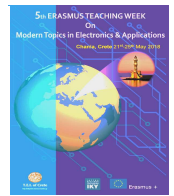


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TUESDAY 22nd MAY

Time	Lecture Room 8	Lecture Room 12	Lecture Room 13	Lab Room 1
09:00-11:00	<p>"Embedded Ultrasound Doppler Monitor to Detect Cerebral Vascular Accidents : A Review" Jean-Marc GIRAULT Polytech Tour, France</p>	<p>"Asynchronous Design Implementation in XILINX Reconfigurable Environment" Viktors Gopejenko ISMA University, Latvia</p>	<p>"Application of IoT technology in ERP Systems" Rádai LEVENTE Óbuda University Hungary</p>	
11:00 -11:30	Break			
11:30-13:00	<p>"Topics in Robotics, Automation, Embedded Systems & Energy" Rachid LBIBB Sultan Moulay Slimane University, Beni Mellal Morocco</p>	<p>"Sensor based method for water monitoring in smallholder irrigated agriculture" Kevin NJUU Ardhi University, Tanzania</p>	<p>"How to Build Secure Software Systems?" Ergon TENIKER FH JOANNEUM, Austria</p>	<p>"From Idea to product" with Altium Designer en Microchip MPLAB development." Patrick PELGRIMS Thomas More University College, De Nayer Belgium</p>
13:00-15:00	Lunch			
15:00-17:00	<p>"Industrial robotics & Industry 4.0" Széll Károly Óbuda University Hungary</p>	<p>"Sensors for mobile robots" Stanislav KLUSACEK Brno University of Technology, Czechia</p>	<p>Topics in Information & Communication Technologies Ivo DRAGONOV Technical University of Sofia Bulgaria</p>	<p>"From Idea to product" with Altium Designer en Microchip MPLAB development." Patrick PELGRIMS Thomas More University College, De Nayer Belgium</p>
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

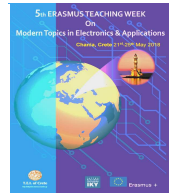


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WEDNESDAY 23rd MAY

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

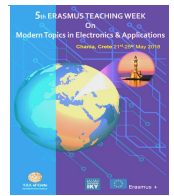


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THURSDAY 24th MAY

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>	

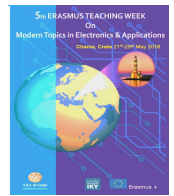


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FRIDAY 25th MAY

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>

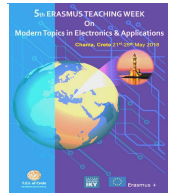


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13:00-13:30	Closing Ceremony
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