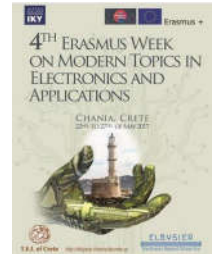




**Technological Educational Institute (TEI) of Crete**  
**School of Applied Sciences**  
**Department of Electronic Engineering**  
**4th Erasmus Week on “Modern Topics in Electronics and Applications”**  
**Chania, Crete, Greece, 21-27 May 2017**  
**Time Schedule & Lecture Halls (Version 1)**



		Sunday 22/5/2016	Monday 23/5/2016	Tuesday 24/5/2016	Wednesday 25/5/2016	Thursday 26/5/2016	Friday 27/5/2016	Saturday 28/5/2016
09:00 - 11:00	Lecture Hall 8		<p><i>Design and implementation of digital filters</i></p> <p><b>Sarunas Paulicas</b> Vilnius Gediminas Technical University <b>Lithuania</b></p>	<p><i>Ki-Cad An open source EDA suite</i></p> <p><b>Lauri Vosandi</b> Estonian IT College, <b>Estonia</b></p>	<p><b>08:00 - 08:30</b> <i>Departure to Rethymno (Centre for Plasma Physics &amp; Lasers)</i></p> <p><b>10:00-10:15</b> <i>Welcome to the participants</i> Prof. Michael Tatarakis, Director of CPPL</p> <p><b>10:15 -10:30</b> <i>TEI of Crete and its Internationalisation Policy</i> Prof. Evangelos Kapetanakis, Rector of TEI</p> <p><b>10:30-10:45</b> <i>30 years Erasmus – The role of TEI</i> Dr. Gareth Owens, Head Officer of IRO</p> <p><b>10:45-11:15</b> <i>Erasmus – ECTS &amp; Quality Assurance</i> Prof. Yiannis Vlahos, Ex Director of IRO &amp; Quality Assurance Agency of Greece</p>	<p><i>E-ICT curricula and student projects</i></p> <p><b>Patrick Pelgrims</b> Thomas More University College <b>Belgium</b></p> <p>-----</p> <p><i>Modeling materials for energy applications</i></p> <p><b>Alex. Chroneos</b> Coventry University, <b>United Kingdom</b></p>	<p><i>Postgraduate opportunities offered by the School of Applied Sciences</i></p> <p><b>OREA</b> <b>TeleAutoS</b> <b>PLAPA</b> <b>GEORR</b></p> <p>-----</p> <p><b>Presentation of the participating Universities</b></p> <p>-----</p> <p><b>Poster Session</b></p>	<p><b>Private networking meetings</b></p>
	Lecture Hall 12		<p><i>Avatars, virtual agents, bots - Relationship interfaces for health applications</i></p> <p><b>Nava Shaked</b> Holon Institute of Technology, <b>Israel</b></p>	<p><i>Calibration of energy analyzer on voltage and current</i></p> <p><b>Krasimir Galabov</b> Technical University of Sofia, <b>Bulgaria</b></p>	<p><b>11:15-11:30</b> <i>Erasmus ICM in TEI of Crete</i> Prof. Yiannis Kaliakatsos, Academic Director of IRO</p> <p><b>11:30-12:00</b> <i>Good Practices &amp; Success Stories of Erasmus in TEI</i> Prof. Kostas Petridis, Erasmus Coordinator</p>	<p><i>Theory, equipment and methodology for conducting practical trainings of digital electronics</i></p> <p><b>Dimitar Badarov</b> Technical University of Sofia, <b>Bulgaria</b></p>		
	Lecture Hall 13		<p><i>Business analysis in ICT</i></p> <p><b>Anna Bobkowska</b> Gdansk University of Technology, <b>Poland</b></p>	<p><i>3rd generation photovoltaics (from OPVs to perovskite solar cells)</i></p> <p><b>Kostas Petridis</b> TEI of Crete, <b>Greece</b></p>	<p><i>When technology meets market forces</i></p> <p><b>Nava Shaked</b> Holon Institute of Technology, <b>Israel</b></p> <p>-----</p> <p><i>Developing course curricula linked with the market needs: A case study for engineers</i></p> <p><b>Kostas Petridis</b> TEI of Crete, <b>Greece</b></p>			
	Lab 1		--	<p><i>Workshop on FPGA programming</i></p> <p><b>Dirk Van Merode</b> Thomas More University College, <b>Belgium</b></p>	--			
<b>11:00 - 11:30 Coffee Break</b>								
11:30 - 13:30	Lecture Hall 8		<p><i>Open courses &amp; CISCO platform towards modern education for engineers</i></p> <p><b>Yiannis Barbounakis</b> TEI of Crete, <b>Greece</b></p>	<p><i>Image recognition with open CV</i></p> <p><b>Lauri Vosandi</b> Estonian IT College, <b>Estonia</b></p>	<p><b>11:15-11:30</b> <i>Erasmus ICM in TEI of Crete</i> Prof. Yiannis Kaliakatsos, Academic Director of IRO</p> <p><b>11:30-12:00</b> <i>Good Practices &amp; Success Stories of Erasmus in TEI</i> Prof. Kostas Petridis, Erasmus Coordinator</p>	<p><i>Virtualization in the open-source world</i></p> <p><b>Phaedra De Greef</b> Thomas More University College <b>Belgium</b></p>	<p><b>Presentation of the participating Universities</b></p> <p>-----</p> <p><b>Poster Session</b></p>	<p><b>Private networking meetings</b></p>
	Lecture Hall 12		<p><i>Data modelling, big data and process mining in healthcare information</i></p> <p><b>Nissim Harel</b> Holon Institute of Technology, <b>Israel</b></p>	<p><i>Virtual technologies for intelligent measurements</i></p> <p><b>Krasimir Galabov</b> Technical University of Sofia, <b>Bulgaria</b></p>	<p><b>Big Data, Artificial Intelligence and Machine Learning?</b></p> <p><b>Stefaan Haspelagh</b> Vives University College, <b>Belgium</b></p> <p>-----</p> <p><i>Automation project sustainable food production</i></p> <p><b>Philip Vanloofsvelt</b> Vives University College, <b>Belgium</b></p>			

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11:30 - 13:30	Lecture Hall 13		<p><i>State-of-the-art and problems of renewable energy systems</i></p> <p><b>Ei. Guseinoviene</b> Klaipeda University of Applied Sciences, <b>Lithuania</b></p>	<p><i>Laser produced ultrasounds &amp; applications</i></p> <p><b>N. Papadogiannis</b> TEI of Crete, <b>Greece</b></p> <p>-----</p> <p><i>Detection of drugs, explosives and electronic circuit defects using portable X-RAY sources</i></p> <p><b>Michael Tatarakis</b> TEI of Crete, <b>Greece</b></p>	<p><b>12:00-13:00</b> <i>Erasmus from Student's eyes</i> Erasmus Students</p> <p>-----</p> <p><b>13:00-14:30</b> <i>Light Lunch</i></p> <p>-----</p> <p><b>14:30-15:30</b> <i>Presentation &amp; Guided Tour in CPPL</i> Prof. Nektarios Papadogiannis, Director of TEI in Rethymno</p>	<p><i>Course content design for the mobile access: Reflections on appropriate content for bite-sized learning through mobile technology assisted MOOCs</i></p> <p><b>Jonathan Westlake</b> Staffordshire University, <b>United Kingdom</b></p> <p>-----</p> <p>Teaching nanoscience in formal and informal educational settings</p> <p><b>Dimitris Stavrou</b> University of Crete, <b>Greece</b></p>		<p><b>Private networking meetings</b></p> <p><b>Departure of guests</b></p>
	Lab 1		<p><i>Business analysis in ICT Workshop</i></p> <p><b>Anna Bobkowska</b> Gdansk University of Technology, <b>Poland</b></p>	<p><i>Workshop on FPGA programming</i></p> <p><b>Dirk Van Merode</b> Thomas More University College, <b>Belgium</b></p>		--		
13:30 - 16:00								
Lunch								
16:00 - 18:00	Lecture Hall 8			<p><i>Realization of embedded projects in Thomas More campus, Geel</i></p> <p><b>Peter Mertens</b> Thomas More University College, <b>Belgium</b></p>		<p><i>High availability</i></p> <p><b>Phaedra De Greef</b> Thomas More University College, <b>Belgium</b></p>		<p><b>Exams &amp; Certificate Awards</b></p>
	Lecture Hall 12			<p><i>Energy conversion and power electronics</i></p> <p><b>Amb. Schellmanns</b> Polytech Tours, <b>France</b></p>		<p><i>Ethical challenges of AI and IoT: Privacy and automatization</i></p> <p><b>Thomas Folens</b> Vives University College, <b>Belgium</b></p>		
	Lecture Hall 13	<p><b>Arrivals of Guests</b></p>	<p><i>Smart metering and home automation technologies The SMARTEL project</i></p> <p><b>R. Strelciuniene</b> <b>Z. Kasperuniene</b> Panevėžys University of Applied Sciences, <b>Lithuania</b></p>	<p><i>Principles of molecular lasing</i></p> <p><b>Y. Tischler</b> Bar Ilan University, <b>Israel</b></p>	<p><b>15:30-16:00</b> <i>Erasmus and Employability</i> Prof. Irini Dimou, Erasmus Coordinator for Internships</p> <p>-----</p> <p><b>16:00-18:30</b> <i>The Erasmus Experience in Guest's Universities</i> Guest Participants</p>	<p><i>Online module development principles</i></p> <p><b>Jorge Gutierrez</b> University de La Laguna, <b>Spain</b></p> <p>-----</p> <p><i>The German system of Higher Education</i></p> <p><b>Helmut Dispert</b> FH Kiel, <b>Germany</b></p> <p>-----</p> <p><i>The Flemish system of Higher Education</i></p> <p><b>Serge Schroef</b> Vives University College, <b>Belgium</b></p>		
	Lab 1		<p><i>Business analysis in ICT Workshop</i></p> <p><b>Anna Bobkowska</b> Gdansk University of Technology, <b>Poland</b></p>	<p><i>Workshop on FPGA programming</i></p> <p><b>Dirk Van Merode</b> Thomas More University College, <b>Belgium</b></p>		--		
18:00 - 18:30								
Coffee Break								

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18:30-20:30	Lecture Hall 8	Welcome Reception in TEI of Crete Chania  @ New Building's Meeting Room	ELBYSIER/ DESTINY Projects' Multiplier Event	Tutorials	18:30-20:00 Guided Tour in Rethymno	ELBYSIER Project's Multiplier Event	Farewell Dinner	
	Lecture Hall 12		ELBYSIER/ DESTINY Projects' Multiplier Event	Tutorials		ELBYSIER Project's Multiplier Event		
	Lecture Hall 13		ELBYSIER/ DESTINY Projects' Multiplier Event	<i>Optoelectronics of 2D materials: From graphene to black phosphorus</i>  <b>Doron Nevah</b> Bar Ilan University, Israel		<i>How to foster entrepreneurship in Higher Education from the experience of a SME</i>  <b>Ricardo Tavo</b> EVM, Spain ----- <i>How to prepare unemployed personnel to get back to the work</i>  <b>Jonathan Westlake</b> Staffordshire University, United Kingdom <b>&amp; Marusa Gorsak</b> KADIS, Slovenia ----- <i>Industry &amp; University two parallel or converging paths</i>  <b>Evang. Kokkinos</b> TEI of Crete, Greece		
20.30- 22.00					20:00-22:00 Traditional Dinner in a Tavern			

### 34 Participating Professors from 13 different countries

(Belgium, Bulgaria, Estonia, France, Germany, Greece, Hungary, Israel, Lithuania, Poland, Slovenia, Spain, United Kingdom)

1. D. Badarov, Technical University of Sofia, Bulgaria
2. Y. Barbounakis, TEI of Crete, Greece
3. A. Bobkowska, Gdansk University of Technology, Poland
4. A. Chroneos, Coventry University, United Kingdom
5. H. Dispert, FH Kiel, Germany
6. A. Enyedi, Denis Gabor College, Hungary
7. T. Folens, Vives University College, Belgium
8. K. Galabov, Technical University of Sofia, Bulgaria
9. M. Gorsak, KADIS, Slovenia
10. P. De Greef, Thomas More University College, Belgium
11. E. Guseinoviene, Klaipeda University of Applied Sciences, Lithuania
12. J. Gutierrez, University de La Laguna, Spain
13. N. Harel, Holon Institute of Technology, Israel
14. S. Haspelagh, Vives University College, Belgium
15. Z. Kasperuniene, Panevėžys University of Applied Sciences, Lithuania
16. E. Kokkinos, TEI of Crete, Greece
17. D. Van Merode, Thomas More University College, Belgium
18. P. Mertens, Thomas More University College, Belgium
19. D. Nevah, Bar Ilan University, Israel
20. N. Papadogiannis, TEI of Crete, Greece
21. S. Paulicas, Vilnius Gediminas Technical University, Lithuania
22. P. Pelgrims, Thomas More University College, Belgium
23. K. Petridis, TEI of Crete, Greece
24. N. Shaked, Holon Institute of Technology, Israel
25. A. Schellmanns, Polytech Tours, France
26. S. Schroef, Vives University College, Belgium
27. D. Stavrou, University of Crete, Greece
28. R. Strelciuniene, Panevėžys University of Applied Sciences, Lithuania
29. M. Tatarakis, TEI of Crete, Greece
30. R. Tavo, EVM, Spain
31. Y. Tischler, Bar Ilan University, Israel
32. P. Vanloofsvelt, Vives University College, Belgium
33. L. Vosandi, Estonian IT College, Estonia
34. J. Westlake, Staffordshire University, United Kingdom

4<sup>TH</sup> ERASMUS WEEK  
ON MODERN TOPICS IN  
ELECTRONICS AND  
APPLICATIONS

CHANIA, CRETE  
22<sup>ND</sup> TO 27<sup>TH</sup> OF MAY 2017

IKY ERASMUS+ ELBYSIER  
T.E.I. of Crete <http://elbysier.chania.teicrete.gr> Electronics Beyond Silicon Era