



TECHNOLOGICAL EDUCATIONAL INSTITUTE OF CRETE
School of Applied Sciences
3 Romanou St, Chalepa - 73133 Chania - GREECE
tel: 2821 0 23038, fax: 2821023011, <http://www.chania.teicrete.gr>



ELBYSIER “Electronics for the Beyond Silicon Era”

Erasmus+

KA2 - Cooperation for Innovation and the Exchange of Good Practices
Strategic Partnerships for higher education

Transparent electronics is an emerging technology that employs wide band-gap semiconductors for the realization of invisible circuits and devices. This Intensive Program on the frame of the Erasmus KA2 Strategic Alliances Project entitled “Electronics Beyond Silicon Era” – ELBYSER (<http://www.elbysier.chania.teicrete.gr>) provides an introduction to undergraduate and postgraduate students for transparent electronics, identifying where the field is, where it is going, and what needs to happen to move it forward. Although the central focus of this Intensive Program (IP) involves transparent electronics (<http://www.tcm2016.org/workshop.html>), many of the materials, devices, circuits, and process-integration strategies discussed herein will be of great interest to researchers working in other emerging fields of optoelectronics and electronics involving printing, large areas, low cost, flexibility, wearability, and fashion and design.

The Venue

The IP will take place from the 9 – 14th of October 2016 and will be in parallel with the international conference Transparent Conductive Materials – TCM 2016

<http://www.tcm2016.org>). The venue will be held in the **Minoa Palace Hotel in Platanias, Chania, Greece** (<http://www.minoapalace.gr>). The IP participants, students and teachers, will have the chance to attend all the plenary talks and selective talks during TCM since these will be part of the ELBYSER training program

Attention:

1. How to reach Minoa Palace Hotel from the Chania Airport:
<https://goo.gl/maps/qSJiMfja94R2>
2. How to reach Minoa Palace from Chania City Center:
<https://goo.gl/maps/B5sDuABMvt22>
3. Proposed Arrival Date for incoming students from partners located in other countries: 8/10/2016. Proposed arrival date for students coming from University of Crete: 9/10/2016
4. Proposed Departure Date for students travelling to other countries: 14/10/2016: 14/10/2016. Proposed departure date for students from University of Crete: 13/10/2016

Refunded Travel & Subsistence Costs for Teachers

According to each partner's allocated funds for this Intensive Course in Transparent Electronics (corresponding funds are travel and subsistence approved budget for C4 Learning and Teaching Activities) and the Erasmus Plus financial rules, the project's funds can cover the following travel & subsistence costs per partner:

TEI of Crete: No funds, since the event takes place in Chania; maximum 5 teachers will participate in the program

University of Crete: max. participants 2 teachers, **0 Euros** travel expenses per teacher, **max.** stay 5 days, **max.** subsistence costs per teacher **500 Euros** (or 100 Euros per day)

University of Bucharest: max. participants 2 teachers, **275 Euros** travel expenses per teacher, max. stay 7 days, max. subsistence costs per teacher **700 Euros** (or 100 Euros per day)

Ecole Nationale Supérieure des Mines de Saint Etienne: max. participants 2 teachers, **275 Euros** travel expenses per teacher, max. stay 7 days, max. subsistence costs per teacher **700 Euros** (or 100 Euros per day)

New University of Lisbon: max. participants 2 teachers, **360 Euros** travel expenses per teacher, max. stay 7 days, max. subsistence costs per teacher **700 Euros** (or 100 Euros per day)

University of Warsaw: max. participants 2 teachers, **275 Euros** travel expenses per teacher, max. stay 7 days, max. subsistence costs per teacher **700 Euros** (or 100 Euros per day)

Attention:

1. The participant teachers should have an official employment status with one of the partner Universities in the ELBYSER project
2. All the partners should provide to the project's coordinator (TEI of Crete) copy of the following: (a) a list with the first and last name of the institution participants, indicating teachers' ID or passport number, teachers' arrival and departure dates, (b) travel expenses invoices & receipts, (c) inbound & outbound flights boarding passes, (d) accommodation invoices (e) Documentation to prove the formal link between the university and teacher participating in the learning activity

Refunded Travel & Subsistence Costs for Students

According to each partner's allocated funds for this Intensive Course in Transparent Electronics (corresponding funds are travel and subsistence approved budget for C3 Learning and Teaching Activities) and the Erasmus Plus financial rules, the project's funds can cover the following travel & subsistence costs per partner:

TEI of Crete: No funds, since the event takes place in Chania; max five students will be registered in the program

University of Crete: max. participants 5 students, **0 Euros** travel expenses per student, max. stay 5 days, max. subsistence costs per student **275 Euros** (or 55 Euros per day).

University of Bucharest: max. participants 5 students, **275 Euros** travel expenses per student, max. stay 7 days, max. subsistence costs per student **385 Euros** (or 55 Euros per day)

Ecole Nationale Supérieure des Mines de Saint Etienne: max. participants 4 students, **275 Euros** travel expenses per student, max. stay 7 days, max. subsistence costs per student **385 Euros**, (or 55 Euros per day)

New University of Lisbon: max. participants 5 students, **360 Euros** travel expenses per student, max. stay 7 days, max. subsistence costs per student **385 Euros**, (or 55 Euros per day)

University of Warsaw: max. participants 5 students, **275 Euros** travel expenses per student, max. stay 7 days, max. subsistence costs per student **385 Euros**, (or 55 Euros per day)

Attention:

1. The participant students should be enrolled into one of the partner Universities in order to be refunded
2. All the partners should provide to the project's coordinator (TEI of Crete) copy of the following: (a) a list with the first and last name of the institution participants, Indicating students' ID or passport number, students' arrival and departure dates, (b) travel expenses invoices & receipts, (c) inbound & outbound flights boarding passes, (d) accommodation invoices (e) Documentation to prove the formal link between the university and student participating in the learning activity (for instance: University student certificate)

Hotel Accommodation Arrangements for Students & Teachers

The organizational committee of the ELBYSER had secured the accommodation of students and teachers in the Georgina Hotel (www.georgina-hotel.gr) that is in the area of the venue (please check how to reach venue from the accommodation: <https://goo.gl/maps/NaGUFzXwfWq>). The following special tariffs are available for the ELBYSER participants:

Double rooms for 38 Euros per night (19 Euros per person per night)

Triple rooms for 48 Euros per night (16 Euros per person per night)

4 beds room for 56 Euros per night (14 euros per person per night)

Single rooms are offered for 30 Euros per night

Breakfast is not included. The Hotel is next to the beach and there is a swimming pool service available

Please contact directly to the hotel in order to book your reservation (info@georgina-hotel.gr). Please make cc Dr Konstantinos Petridis (c.petridischania@gmail.com) just for monitoring & organizational reasons.

Academic Participants

Institution	Name	Lecture Title	Date	E-mail
TEI of Crete	I. Kaliakatsos	Transparent LEDs	10/10/2016	giankal@chania.teicrete.gr
TEI of Crete	K. Petridis	Transparent Graphene Electrodes for OPV applications	10/10/2016	c.petridischania@gmail.com
TEI of Crete	M. Stylianakis	Chemistry of Graphene & Graphene based on Materials for OPV applications	10/10/2016	stylianakis@staff.teicrete.gr

University of Crete	G. Kiriakidis	Transparent Electronics for Gas Sensors	9/10/2016	kiriakid@iesl.forth.gr
University of Warsaw	K. Korona	Semiconductors Transparent in Visible Light	11/10/2016	krzysztof.korona@fuw.edu.pl
University of Warsaw	A. Wyszomolek	Graphene - flexible transparent and conducting material for nanotechnology	11/10/2016	andrzej.wyszomolek@fuw.edu.pl
New University of Lisbon	E. Fortunato	(Plenary Talk)	9/10/2016	emf@fct.unl.pt
New University of Lisbon	L. Perreira	Oxide Nanoparticles based electrical and electrochemical devices on paper substrates (Invited Talk)	10/10/2016	lmnp@fct.unl.pt
New University of Lisbon	P. Barquincha	Flexible oxide electronics: getting multi-functionality, sustainability and speed altogether (Invited Talk)	10/10/2016	
New University of Lisbon	R. Martins	Exploiting the Surface for the next generation of Eco-Systems on Foil Technology (Plenary Talk)	11/10/2016	rm@uninova.pt
Ecole Nationale, Supérieure des Mines	G. Malliaras	Interfacing with the brain using organic electronics (Plenary Talk)	10/10/2016	malliaras@emse.fr
Ecole Nationale, Supérieure des Mines	M. Donahue	AN Introduction to Neural Interfaces Neural Interfaces	11/10/2016	mary.donahue@emse.fr
Ecole Nationale, Supérieure des Mines	C. Proctor	An Introduction to Biosensors	11/10/2016	christopher.proctor@emse.fr
University of Bucharest	S. Antohe	Investigation of defects in large band gap semiconducting thin films by non-destructive techniques	11/10/2016	santohe@solid.fizica.unibuc.ro

Student Participants

Institute	Name	Sex	E-mail
New University of Lisbon	Ana Rovisco	Female	a.rovisco@campus.fct.unl.pt
New University of Lisbon	Jorge Martins	Male	jorge.souto.martins@gmail.com
New University of Lisbon	Emanuel Carlos	Male	e.carlos@campus.fct.unl.pt
New University of Lisbon	Sofia Ferreira	Female	sofialhf@gmail.com
University of Bucharest	Rusu Dorin	Male	rusuadorin@gmail.com
University of Bucharest	Cita Alexandru	Male	cita.alexandru@yahoo.com
University of Bucharest	Andreea Serban	Female	serbann.andreea@gmail.com
University of Bucharest	Dogaru Daniela	Female	daniela.dogaru@infim.ro
University of Bucharest	Polici Alexandra	Female	alexandrapalici@yahoo.it
University of Warsaw	Lukasz Bala	Male	lukasz.bala@student.uw.edu.pl
University of Warsaw	Katarzyna Lakenta	Female	katarzyna.lekenta@student.uw.edu.pl
University of Warsaw	Rafal Mirek	Male	rafal.mirek@student.uw.edu.pl
University of Warsaw	Piotr Orlowski	Male	piotr.orldowski@student.uw.edu.pl
University of Warsaw	Adam Wincukiewicz	Male	adam.wincukiewicz@gmail.com
Ecole Nationale, Superieure des Mines	Mohammed Elmahmoudy	Male	mohammed.elmahmoudy@emse.fr
Technological Educational Institute of Crete	Ioannis Niktas	Male	giannis.niktas@gmail.com
Technological Educational Institute of Crete	Areti Gkeka	Female	aretigeke@hotmail.gr
Technological Educational Institute of Crete	Konstantinos Fournarakis	Male	fournarakis.tei.chania@gmail.com
Technological Educational Institute of	Fanis Makris	Male	capmakr@hotmail.com

Crete			
Technological Educational Institute of Crete	Evangelos Germenis	Male	evangeloit@gmail.com
Technological Educational Institute of Crete	Nikolaos Xatzikanelos	Male	nickolas.25hs@gmail.com
Technological Educational Institute of Crete	Konstantinos Petrogiannis	Male	konstantinos_petrogiannis@hotmail.com

Teaching & Activities Program

In this Intensive Program the innovation is that to its educational program will contribute lecturers from the ELBYSER consortium and plenary & invited speakers in the TCM conference. It is believed that the “traditional” lectures will set the basis for the students to understand as much as possible the selected plenary & invited talks. The latter will trigger the student’s interest in the field of transparent & wearable electronics where their content will be exploited as material for journal club activity.

The daily program’s lecture follows. It is suggested to advise it per day because students will be called to change rooms from the lecture hall to the TCM presentation rooms in order to attend the plenary & invited talks.

Related Intellectual Output staff Cost

According to the ELBYSIER submitted project proposal, each Intensive Course is connected to a relevant Intellectual Output, related to the development of the educational material to be used during the program (lectures of the IC, exam tests e.t.c.)

The theme of the intellectual output related to this Intensive Course (Output O3) is Transparent Electronics.

Intellectual Output O3 is associated with staff costs outlined in the relevant category, for the individuals of each partner, who have worked for the production and the delivery of the this Output (lectures, slides of presentations e.t.c)

According to each partner's allocated funds and the Erasmus Plus financial rules, the project's funds can cover the following staff costs per partner for the delivery of Intellectual Output O3

INTELLECTUAL OUTPUTS (amounts per Output)						
OUTPUT	Organization	Country	Staff Category	Working Days	Grant Per Day	Grant Approved
O3	TECHNOLOGICAL EDUCATIONAL INSTITUTE OF CRETE	Greece	Teachers/Trainers /Researchers	27	137	3699
O3	UNIVERSITATEA DIN BUCURESTI	Romania	Teachers/Trainers /Researchers	20	74	1480
O3	UNIWERSYTET WARSZAWSKI	Poland	Teachers/Trainers /Researchers	20	74	1480
O3	ECOLE NATIONALE SUPERIEURE DES MINES DE SAINT-ETIENNE	France	Teachers/Trainers /Researchers	20	214	4280
O3	PANEPISTIMIO KRITIS	Greece	Teachers/Trainers /Researchers	20	137	2740
O3	UNIVERSIDADE NOVA DE LISBOA	Portugal	Teachers/Trainers /Researchers	20	137	2740
O3	UNIVERSIDADE NOVA DE LISBOA	Portugal	Managers	3	164	492
O3	UNIVERSIDADE NOVA DE LISBOA	Portugal	Administrative support staff	8	78	624
O3	UNIVERSIDADE NOVA DE LISBOA	Portugal	Technicians	10	102	1020

Please be mindful that:

- Only partners who contributed and participate with a lecture in this output can cover staff costs as outlined above for Output O3
- Managers or Administrators included in the Intellectual Outputs category refer to staff costs strictly related with the Intellectual Output production

and do not refer to Managers and Administrative staff of the project in general.

- Please note that each person refunded under this category should keep Timesheets indicating the hours of work dedicated to the production of the Intellectual Outputs. The hours allocated in these timesheets should cover and depict the total days of work related to the staff cost each partner claims. The declared days of work and the relevant cost claimed cannot exceed the relevant approved amounts. (Please read carefully all the instructions given under section 3.2.3 of the project Implementation manual)

ELBYSER Progress Meeting

A project's progress meeting will take place during the 2nd ELBYSER IP on October 2016 in Chania, Greece. The progress meeting will take place in the Minoa Palace in the following day and time:

Tuesday 11/10/2016; 1000 – 1300 hrs

The agenda and the room will be announced soon

Confirmed Participants per partner:

TEI of Crete: I. Kaliakatsos / K. Petridis / P. Tsitou

University of Crete: Prof. G. Kiriakidis

University of Warsaw: Ms Aleksandra Skoniecka / Prof. Wyszomółek

New University of Lisbon: Prof. Elvira Fortunato

St-Etienne: Prof. Malliaras

University of Bucharest: Prof. Antohe / Mrs Alina (Erasmus Coordinator)

External Evaluator: Dr K. Zourou (through Skype)

The refundable amount (unit cost) per person and per meeting depends on the travel distance. In this context, there are two given rates:

575€ for travel distance between 100-1999km

760€ for travel distance more than 2000km

Thus for participants from University of Lisbon the refundable amount is 760€ and for participants from all the other partners it is 575€. Please note that University of Crete and TEI of Crete will not be refunded for their participation in the meeting.

This amount intends to be a contribution to both the associated travel and subsistence costs of each participant. **ATTN: An Individual can be reimbursed from the ELBYSER project from only one spending category (teacher or management) but not from more. This means that if an individual participate as teacher during the school and also participate in the meeting his or her trip can only be reimbursed from one of the two categories and not from both sources! Please follow Mrs Tsitou guidelines**

Useful Numbers & Information

- **Bus Service from the Airport to the City Center Bus Station:**
<http://www.chania-airport.com/transportation.html>
- **Bus Service from the City Center Bus Station to Agia Marina (Giorgina Hotel):** http://www.cretetravel.com/travel_tips/crete-bus-schedules-kania-rethymno/
- **Radio Taxi:**
28210 98700, 28210 98770, 28210 94144, 28210 98701
- **Aegean Airlines Chania Airport Telephone Numbers: +30 28210 51100**
- **Police Emergency Call: 100**
- **Touristic Police: 171**
- **Ambulance Emergency Call: 166**
- **Places to visit in Chania:**

https://www.tripadvisor.co.uk/Attractions-g189415-Activities-Chania_Town_Chania_Prefecture_Crete.html

I am looking forward to your collaboration

Best regards

Popi and Kostas