

## ELBYSER Event, Bucharest 18 -22 April 2016

### Topic: Organic Electronics & Applications

#### Reach Sinaia from the Henri Coanda International Airport

A bus service (free of charge) will be available to the participant students on the 17<sup>th</sup> of April. All the students will be picked up at 1500 hrs on the 17<sup>th</sup> of April from the Airport to transfer them fro free to Sinaia. The drivers (it will be two micro-buses-8 places each) **to be in airport at 15:00 pm** in the parking of arrival terminal

#### Otherwise:

**Step# 1:** reach Bucharest North railway station (Gara de Nord in Romanian)

**Step#2:** how to reach Bucharest North railway station

**Option #1:** you can take express bus number 780. Bus stops are located in front of the arrivals terminal and departures terminal. Price for one trip is 3,50 lei, less than 1 euro. Tickets can be purchased from Card Desk located in front of the Arrivals Terminal. More information about 780 express bus schedule can be found here: [http://www.ratb.ro/eng/v\\_bus\\_expres\\_eng.php](http://www.ratb.ro/eng/v_bus_expres_eng.php)

**Option #2:** you have the possibility to take a taxi from Henri Coanda International Airport. Complete information can be found here: <http://www.bucharestairports.ro/en/transport/taxi>

**Option #3:** another possibility to reach Bucharest North Railway station from Henri Coanda International Airport is by express trains, complete information can be found here: <http://www.bucharestairports.ro/en/transport/train-connection>

**Step #3:** to reach Sinaia town from Bucharest North Railway Station (Gara de Nord) there are a lot of trains, about you can obtain more information here: <http://www.mersultrenurilorcfr.ro/imtif/rute.aspx?lng=en> The price tickets is 41,00 lei (less than 10 euros) for rapid trains - 1h30-1h40 journey time - and 19,00 lei (less than 5 euros) for slow ones -2h30-2h40 journey time. My advice is to take a rapid train. If you want to search the itinerary of your train, sometimes the stops are not displayed on the train board, more information can be found here: <http://www.mersultrenurilorcfr.ro/imtif/cTrs.aspx?lng=en>

### **Student's Accommodation**

The facilities offered by the Hotel of Zoological Research Center of University of Bucharest are:

- 16 double rooms (for 32 students) at 40 EURO/night (20EURO/person/night)
- breakfast at 4.50 EURO/person
- lunch at 10 EURO/person
- dinner at 9 EURO/person

**Please do not call for reservations** the local host has made all the bookings. The students will pay their accommodation at the reception.

For more information please contact:

Email: [iosifleontina@yahoo.com](mailto:iosifleontina@yahoo.com)

Telephone Number: +40745865151 (ask for Mrs Leontina)

### **Academic's Accommodation**

At about 500 m up to this hotel is the **Complex Piatra Șoimului** containing a New 3 stars Hotel Piatra Soimului and very new 4 stars Vila Piatra Soimului with a very nice Restaurant KUIB- See: [www.piatrasoimului.ro](http://www.piatrasoimului.ro). For reservations please use the below contact details:

Reception Phone: +40732127737

Email: [office@piatrasoimului.ro](mailto:office@piatrasoimului.ro)

Contact Person: Isabela Pascu (+40741295946)

**Please during the reservation mention that you are a participant in the ELBYSER Project**

### **Contact Person:**

Professor Stefan Antohe (Email: [santohe@solid.fizica.unibuc.ro](mailto:santohe@solid.fizica.unibuc.ro))

Dr Sorina Iftimie ([sorinaiftimie@yahoo.com](mailto:sorinaiftimie@yahoo.com))

### **ELBYSER Refunding Scheme regarding the event in Romania**

Each partner can participate in this event with two academic staff and five students (preferably undergraduate). The program covers the following expenses per participant per Country:

<b>Academics, Students Travel Expenses</b>	<b>Academics Subsistence Cost Daily Rate</b>	<b>Student's Subsistence Rate</b>
<b>Greece:</b> 275 Euros per participant	100 Euros per day	385 Euros per participant for the overall period
<b>Romania:</b> 0	100 Euros per day	385
<b>France:</b> 360 Euros per participant	100 Euros per day	385
<b>Portugal:</b> 360 Euros per participant	100 Euros per day	385
<b>University of Warsaw:</b> 275 Euros per participant	100 Euros per day	385

### **Educational Material Development for this event**

**Greece:** 2740 Euros total

**Romania:** 1480 Euros total

**France:** 4280 Euros total

**Portugal:** 2740 Euros total

**University of Warsaw:** 1480 Euros total

### **Administration Rules**

All the student's participants should follow the below rules:

1. Should sign the attendance sheet after each lecture
2. Should provide copies of their boarding passes (for incoming and outgoing flights), flight invoice, travel receipts to and from Sinaia and hotel invoice

All the participating academics should provide the following documentation to the coordinator:

1. Should provide copies of their boarding passes (for incoming and outgoing flights), flight invoice, travel receipts to and from Sinaia and hotel invoice
2. Should sign the attendance sheet after the end of their lecture

### The Final Lecture Schedule

Sunday, 17 of April	Participant Arrival
<b>Monday, 18 of April</b>	
0930 - 0945	<b>Registration</b> <b>Welcome by Prof. Antohe (Host Institution)</b> <b>Welcome by Prof. Kaliakatsos (ELBYSER Coord.)</b> <b>Ice Breaking</b>
0945 - 1030	
1030 - 1100	<b>Perspectives of Organic Electronics by K. Petridis (TEI of Crete)</b>
1100 - 1115	Coffee Break
1115 - 1200	<b>The Fundamentals of Organic Photovoltaics by K. Petridis (TEI of Crete)</b>
1200 - 1215	Coffee Break
1215 - 1300	<b>The Fundamentals of Organic Photovoltaics by K. Petridis (TEI of Crete)</b>
1300 - 1315	Coffee Break
1315 - 1400	<b>Perovskite Solar Cells: An Introduction by G. Kakavelakis (TEI of Crete)</b>
1400 - 1600	Lunch Break
1600 - 1645	<b>Perovskite Solar Cells: An Introduction by G. Kakavelakis (TEI of Crete)</b>
1700 - 1800	<b>Homework for Students regarding this day's lectures</b>
<b>Tuesday, 19 of April</b>	
<b>1015 - 1100</b>	<b>Fundamentals of Organic Semiconductors by Prof. Stefan Antohe (University of Bucharest)</b>
1100 - 1115	Coffee Break
1115 - 1200	<b>Fundamentals of Organic Semiconductors by Prof. Stefan Antohe (University of Bucharest)</b>
1200 - 1215	Coffee Break
1215 - 1300	<b>The Erasmus Activities of TEI of Crete by I. Kaliakatsos (TEI of Crete)</b>

1300 - 1315	Coffee Break
1315 - 1400	The University of Bucharest by Stefan Antohe (University of Bucharest)
1400 - 1600	Lunch Break
1600 - 1800	Presentations of the Partner Universities & Countries by Participant Students
1800 - 1900	Homework for Students regarding this day's lectures
<b>Wednesday, 20 of April</b>	
1015 - 1100	Optical Properties of Graphene for Photovoltaic Applications Dr Daniela Dragoman (University of Bucharest)
1100 - 1115	Coffee Break
1115 - 1200	Chemistry of Graphene & Graphene Based Materials for Solar Cells by M. Stylianakis (TEI of Crete)
1200 - 1215	Coffee Break
1215 - 1300	Chemistry of Graphene & Graphene Based Materials for Solar Cells by M. Stylianakis and D. Konios (TEI of Crete)
1300 - 1315	Coffee Break
1315 - 1400	Luminescent Principles & Applications to Organic Semiconductors by Dr Monica Enculescu (University of Bucharest)
1400 - 1600	Lunch Break
1600 - 1645	Luminescent Principles & Applications to Organic Semiconductors by Dr Monica Enculescu (University of Bucharest)
1700 - 1900	ELBYSER MEETING
<b>Thursday, 21<sup>st</sup> of April</b>	
1015 - 1100	Organic Light Emitting Diodes by Prof. I. Kaliakatsos (TEI of Crete)
1100 - 1115	Coffee Break
1115 - 1200	Organic Light Emitting Diodes by Prof. I. Kaliakatsos (TEI of Crete)
1200 - 1215	Coffee Break
1215 - 1300	Organic Semiconductor Spintronics by Prof. Jacek Szczytko (University of Warsaw)
1300 - 1315	Coffee Break
1315 - 1400	Organic Semiconductor Spintronics by Prof. Jacek Szczytko (University of Warsaw)

1400 - 1600	Lunch Break
1600 - 1700	Journal Club Student's Presentations
1700 - 1800	
<b>Friday, 22 of April</b>	
1015 - 1100	Dr Mary Donahue, Organic Electronics with Biological Applications (St-Etienne)
1100 - 1115	Coffee Break
1115 - 1200	Dr Mary Donahue, Organic Electronics with Biological Applications (St-Etienne)
1200 - 1215	Lunch Break
1215 - 1300	Presentation of the Bioelectronics Center in St-Etienne
1300 - 1315	Coffee Break
1315 - 1400	Study Time
1400 - 1600	Lunch Break
1600 - 1700	Exams
1700 - 1800	Exams
2000 - 2300	Certificates Ceremony/ Farewell Dinner
<b>Saturday, 23<sup>rd</sup> of April</b>	Departure of the participants

### Student's International Teams

The objective of the formation of international student teams the deeper interaction between the participants. The various teams will collaborate in academic and cultural activities during the school. Each team will consist from students of the three participated countries. The student's teams are the following:

#### Organic Electronic Team

Mr Manolis Lourakis (chief)  
Mr Jakub KIRDASZUK  
Mrs Cîță Alexandru  
Mrs Christina Gompaki  
Mr Klaidi Patso

#### Transparent Electronic Team

Mr Metollari Kostantinos (chief)  
Mr Mateusz KRÓL  
Mrs Pălici Alexandra Maria  
Mrs Katarzyna LEKENTA  
Mr George Makris

#### Spin Electronics Team

Mr Rafal Mirek (chief)  
Mr Iosif Choulis  
Mr Rusu Dorin  
Mrs Dogaru Daniela-Emilia  
Mr Enti Kalloulis

Mr Piotr ORŁOWSKI

Mrs Aneta Leniart

Mr Lukasz Bala

Mr Stanciu Ștefan Bogdan

Mr Crăciun Alexandru

Mr Caraiani Claudiu

Mr Bartłomiej SEREDYŃSKI

Mr Mikołaj MIKOŁAJCZYK

Mr Popa Gheorghe Cristian

Mr Laszlo Edwin Alexandru

Mrs Cristina Mitu

Mrs Stîngescu Maria-Luiza

Mrs Amanda Preda

Mr Alexandru Măgureanu

Mr Ioan Ghițiu

#### Proposed Tasks:

1. Collaborate and solve the exercises and questions that each lecturer will place them
2. Prepare a presentation related to organic electronics and present it to the other students & academic staff
3. Interact each other and organize cultural activities (games, excursions)
4. Visit the Town as group of people
5. **The various national groups** should prepare presentations regarding their countries and Universities

#### Proposed Activities & Excursions in Sinaia Area

1. Visit Peles Castle
2. Visit Pelisor Castle
3. Visit Sinaia Monastery

#### Partners Contribution for the Sinaia Event

##### TEI of Crete Contribution

Academic Name	Lecture Title	Preferred Dates
Petridis Konstantinos	Perspectives of Organic Electronics An Introduction to Organic Photovoltaics	18 of April
Stylianakis Minas & Dimitrios Konios	The Chemistry of Graphene and Graphene Based Materials for OPVs	18 – 22 of April
Kakavelakis George	An Introduction to Perovskite Solar Cells	18 of April
Kaliakatsos Ioannis	Organic Light Emitting Diodes	18 – 22 of April

	Erasmus Activities of TEI of Crete	
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### University of Bucharest

Academic Name	Lecture Title	Preferred Dates
Stefan Antohe	Fundamentals of Organic Semiconductors	
Stefan Antohe	Presentation of the University of Bucharest	
Monica Enculescu	Luminescent Principles and Applications to Organic Semiconductors	
Daniela Dragoman	Optical Properties of Graphene for Photovoltaic Applications	

### University of Warsaw

Academic Name	Lecture Title	Preferred Dates
Jacek Szczytko	Organic Semiconductor Spintronics	
Jacek Szczytko	Presentation of the University of Warsaw	

### St-Etienne

Academic Name	Lecture Title	Preferred Dates
Dr Mary Donahue	Organic Electronics for Biological Applications	
	Presentation of the St-Etienne University	