

# CybPhys Meeting

## WP2: Training School for students in PCs

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KIOS Research and Innovation Center of Excellence  
University of Cyprus  
<http://www.kios.ucy.ac.cy>

Funded by:

Monday, November 15, 2021

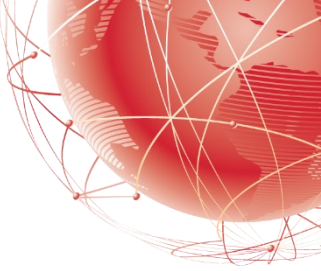


Co-funded by the  
Erasmus+ Programme  
of the European Union



- **Dates: 28/02/2022 - 11/03/2022**
- **Location: KIOS CoE – University of Cyprus Campus,**
  - Social Activities Building, 1 Panepistimiou Avenue, 2109 Aglatzia, Nicosia, Cyprus
- **Room(s): TBD**
- **Prerequisites:**
  - The training includes hand-on exercises and projects. It is highly recommended that course participants bring their own laptops for the training school. It is assumed that the students are at least in the 3rd year of study in an Engineering field.

# School objectives



- **Blend of theory and applied research in CPS**
  - Power Systems
  - Water networks
  - ICT applied to power, telecom or transportation
- **English intensive course (every afternoon)**
  - Presentation of technical projects, defend projects
  - Feedback form explained
- **KIOS Lab/and prototyping testbeds visits and hands on**
- **Cultural immersion (Old City of Nicosia)**
- **Maybe a visit at a wind farm (to be confirmed) ?**



## Questions & Discussion

**THANKS FOR YOUR ATTENTION**



## CybPhys Student training at UCY/KIOS CoE

### Erasmus+ project CybPhys:

**“Development of practically-oriented student-centred education in the field of modelling of Cyber-Physical Systems”**

Draft version, v0.1., 10/11/2021.

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### Programme:

Activity	Time	Contributors
Arrival in Nicosia, Cyprus	Sunday, February 27	
<b>Monday, February 28</b>		
General welcome <ul style="list-style-type: none"> <li>- 9:00 AM Welcome and registration</li> <li>- 9:30 AM: Presentation of the main goals of the student training at UCY - research focused, self-presentation of the participants</li> <li>- 10:30 AM Coffee break</li> </ul>	Monday, February 28	Stella Hadjistassou & Irina Ciornei
<ul style="list-style-type: none"> <li>- 10:45 AM Campus Tour</li> </ul>	Monday, February 28	Stella Hadjistassou & Irina Ciornei
12:30 AM Lunch		
14:00 English Communication and Technical Writing session 1	Monday, February 28	Stella Hadjistassou
16:00 End of the day		



<b>Tuesday, March 1</b>		
- 9:00 Hand-on Introduction of cyber-physical system modelling using Matlab session 1 + session 2	Tuesday, March, 1	Stelios Vrachimis?? (TBC)
12:30 Lunch		
14:00 English Communication and Technical Writing session 2	Tuesday, March, 1	Stella Hadjistassou
16:30: End of the day		
<b>Wednesday, March 2</b>		
9:00 AM Linear regression models for forecasting applications in CPS session 1+ lab experiments (power engineering) Project 1 objectives and advice, forming of working groups and delegate a presentation leader		Irina Ciornei
12:30 Lunch		
14:00 English Communication and Technical Writing session 3	Tuesday, March, 1	Stella Hadjistassou
16:00: End of the day		
<b>Thursday, March 3</b>		
9:00 AM Linear regression models for forecasting applications in CPS session 2+ lab experiment (intelligent transportation and/or telecom - TBD)  Q&A Session about implementation tools for Project 1		Irina Ciornei
12:30 Lunch		
14:00 English Communication and Technical Writing session 4	Tuesday, March, 1	Stella Hadjistassou
16:00: End of the day		
<b>Friday, March 4: Nicosia old town visit</b>		
9:30 departure from Campus (KIOS bus top)		
10h00: arrival at the old town gates (central bus stop)		
visit objective 1: TBD		
visit objective 2: TBD		
15h00: return to UCY Campus		
<b>Weekend: March 5, 6</b>		
	free time	
<b>Monday, March 7</b>		
Full day independent Team work for Project 1		Individual work in the lab
<b>Tuesday, March 8</b>		
9:00 Introduction to Power electronics session 1 + hand-on lab Project 2 objectives and advice		Lenos Hadjidemetriou
12:30 Lunch		



14:00 English Communication and Technical Writing session 5		Stella Hadjistassou
16:30: End of the day		
<b>Wednesday, March 9</b>		
9:00 Introduction to Power electronics session 2 + hand-on lab Q&A clarifications session for Project 2		Lenos Hadjidemetriou
12:00 Lunch		
KIOS Power Lab visit and live demos		Markos Asprou and Lenos Hadjidemetriou
17:00 End of the day		
<b>Thursday, March 10</b>		
Full day independent Team work for Project 2		Individual work in the lab
<b>Friday, March 11</b>		
9:00 Presentations of the projects results (teams' debate) Lessons learned Feedback Form for the UCY school		Ukrainian students
12:30 Lunch		
14:00 Farewell gathering with other KIOS/UCY students		
16:30 End of the student training: administration and farewell		
<b>Saturday, March 12</b>		
Return to Ukraine		

#### Practical information:

If you have questions, send an e-mail to Stella Hadjistassou and/or Irina Ciornei (hadjistassou.stella@ucy.ac.cy, ciornei.irina@ucy.ac.cy).

#### Place of venue:

**University of Cyprus Campus, KIOS CoE premisses:** 1 Panepistimiou Avenue, 2109 Aglatzia, Nicosia  
CY-1678 Nicosia

There is a bus stop in front of the Main building where the KIOS CoE is located. Detailed information could be find on the map below:

More details and instructions how to reach the venue will be included in a final version of this program.



Co-funded by the Erasmus+ Programme of the European Union



KIOS Research and Innovation Center of Excellence, University of Cyprus

4.7 ★★★★★ 15 reviews  
University

Directions Save Nearby Send to your phone Share

- Social Activities Building, Aglantzia
- Social Activities Building, Αγλαντζιά
- Open now: 8am–5pm
- kios.ucy.ac.cy
- 22 893450
- 4CW5+4J Aglantzia





**PARTICIPANTS: 3 universities each sending 4 students**

**Kryvyi Rih National University:** KNU: contact person: Lyudmila Kruhlenko: [kruhlenko@gmail.com](mailto:kruhlenko@gmail.com)

Name	Home University	E-mail address
	Kryvyi Rih National University	
	Kryvyi Rih National University	
	Kryvyi Rih National University	
	Kryvyi Rih National University	

**Chernihiv Polytechnic National University:** CPNU: contact person: Volodymyr Kazymyr:  
[vkazymyr@gmail.com](mailto:vkazymyr@gmail.com)

Name	Home University	E-mail address
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	CPNU	
	CPNU	

**Kharkiv National Automobile and Highway University:** KhNAHU: contact person: Andrii Hnatov:  
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	KhNAHU	
	KhNAHU	