Development of practically-oriented student-centred education in the field of modelling of Cyber-Physical Systems - CybPhys

CybPhys: Management meeting and WS
Zoom meting
June 7th 2021

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Agenda of the meeting

1. Information about the status

2. To discuss activities that should help to continue CybPhys

3. Development and modernizing of curricula (WP2)

4. Preparation to the Midterm Report.

5. Other issues
   - The teachers training and the English language training WS
   - Dissemination
   - Other issues

- Next meetings

Project progress

- Process of accreditation of CybPhys in Belarusian Government.
    - Letter from the Commission on Technical Cooperation - rejection
    - EACEA consider what to do with the project CybPhys
- **Decisions of the previous meetings:**
    - BSU arranged a workshop for Russian speaking partners on SMSE platform on May 18th:
        1. Installation of Anaconda system with Python and Jupyter Notebook support (AS Fedotov)
        2. Plugin nbgrader: data organization and functions we are interested in for evaluating student papers in Python (A. Shchekochikhin)
    - CPNU calculated the cost of hardware and other necessary costs of an additional copy of SMSE platform for Ukrainian partners – a feedback from partners is missed

Activities that should help to continue CybPhys

- The " homework' for BY and UA partners

  - BSU, GSU, MSPU should clarify the boundaries of their involvement in CybPhys in new situation, when the project is not accepted by Belarusian authorities (motivation to participate in CybPhys activities. possible risks)

  - CPNU, KhNAHU, KNU should prepare suggestions for replacing of Belarusian partners by Ukrainian partners, which will be able to implement project activities (Wp2, WP3, WP4, WP6) and to achieve the goals of CybPhys.

- RTU has submitted suggestions, how to survive CybPhys, and communicates EACEA about next activities.

- **In case of acceptance of suggestions the consortium will prepare:**

  - a new table of responsibilities of the partners: responsible for WPs.

  - A new Log Frame matrix

  - A new table of the programs and courses

  - A new budget that is in a line with the responsibilities

  - Transferring of responsibilities of BY partners to UA partners

  - Updated QA Plan

  - Updated Dissemination and sustainability Plan

  - A legal form for participation of BY partners will be needed

WP2: Development and modernizing of curricula

Courses and programs: new / updated

- BSU: courses 11/2; Programs 1/1
- GSU: courses 10/2
- MSPU: courses 4/1
- CNTU: Courses 5/2; Programs 1
- KhNTHU: Courses 2/4; programs 1
- KNU: courses 3/4; programs 1

Total: courses Belarus 25/5 and Ukraine 10/10 = 35/15 = 50

What we promissed! *Indicators 1*

- Expected number of new/updated courses to be DEVELOPED/ ACCREDITED/ IMPLEMENTED: **50**

- Volume (in ECTS) of new/updated courses: **240**

- Number of planned learners enrolled per course delivery: **15**

- Expected number of partner country "HEIs' students" to be trained: **420**

- Expected number of partner country "HEIs' academic staff" to be trained: **120.**

- Expected number of partner country "non-HEI individuals" to be trained (priv. sector, NGOs, civil servants, etc.): **4**

Partners reports about progress on WP2

Midterm reporting

Midterm report dead lines

18th month = 15th of May – half time of the project

- **Partner's Midterm reports** no later than 15th of June!

- **Consolidated report to EACEA** no later than 15th of July!

- "Request for second pre-financing" - the last opportunity to get the 2 advance no later than by 15th of November = **70%** of the 1st advance to be spent!

Documents of reporting

- Technical (activities) report
- Financial Statements in ".xls" format
- Table of achieved / planned results
- Dissemination plan (INP BSU)
- Quality assurance plan (UCY)
- Supporting documents (TS, JD, TR, invoices, job contracts, etc.)

RTU will elaborate:
- Consolidated Technical reports via the e-Reports system
- Consolidated Financial Statement
- Statement on the use of the previous pre-financing instalment and Request for payment 2nd pre-financing
- Declaration of honor

Documentation

Instructions and guidelines

- 2019_-_annex_vi_-_financial_statements (1).x
- Achieved_planned_results_CybPhys_1_report.
- Activities report Midterm period_pattern_1.doc
- AZabasta_Minsk_March_10-11_2020_Financial_
- cbhe_individual_travel_report.doc
- cbhe_joint_declaration_2019.doc
- cbhe_t_report_explanatory_note_0_Midterm.
- cbhe_template-timesheet_version_2020_1.xlsr
- erasmus-plus-programme-guide-2020_en.pd
- guidelines_for_the_use_of_the_grant_2017_c
- RTU_financial_statements_01.07.20.xlsm
- Table of developed courses 2nd Midterm report

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https://eduphys.bsu.by/mod/folder/view.php?id=2246

https://eduphys.bsu.by/mod/folder/view.php?id=2258

Documentation

2nd period

- Achieved_planned_results_CybPhys_2_Midterm_report_Partner_Y.d
- Activities report Midterm period_pattern_1.doc
- AZabasta_Minsk_March_10-11_2020_Financial_issues.pptx
- Table of developed courses 2nd Midterm report.docx

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The form of the report on June 16th

P#	Partner	Technical			Finance				Docs equip	Salary payment
	Partner	Report	Achieve results	Courses	Report	JD, TS, TR	Travel docs	Contract	Docs equip	Salary payment
1	RTU	Consolidated	Consolidated		Consolidated	yes	Yes	Yes		
2	KU Leuven	Yes	Yes		Yes	Yes	Nor needed	Yes (Sammy)		payslips
3	UCY	Yes, QAP	yes		In progr.	In progress				
4	BSU	---	---	Yes						
5	GSU	Yes	Yes	yes						
6	MSPU	Yes	Yes	yes						
7	INP BSU									
8	CPNU	Yes	Yes	yes	Yes	yes	Not needed	yes	To check	Yes
9	KhNAHU	Yes	Yes	Yes	Yes	In progress	Yes		To check	yes
10	KNU	Yes	Yes	Yes	Yes	yes	Not needed	Orders of rector	Yes	Order for bonus and payment

Teachers training
English language courses

English courses

At the moment, it is assumed that the courses will be organized on-site in Bruges from 13 to 17th September 2021.

Training seminar for representatives of Partner Countries (Teacher Training)

RTU, September 7-8th
KU Leuven, September 9-10th
University of Cyprus, September 21- 22nd

P.S. UCY would like to clarify its date of training

Other questions

Regional 3 days' seminars and master classes at WP2

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- ✓ Regional 3 days' seminars and master classes in Minsk **November 2021** On line or at place

- ✓ Regional 3 days' seminars and master classes in Chernigov **November 2021** On line or at place

- ✓ RTU will plan MC & WS and an education session 2021 IEEE 62nd International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) in November 15-17 of 2021 http://www.conference.rtu.lv/index.html

Next meeting schedules
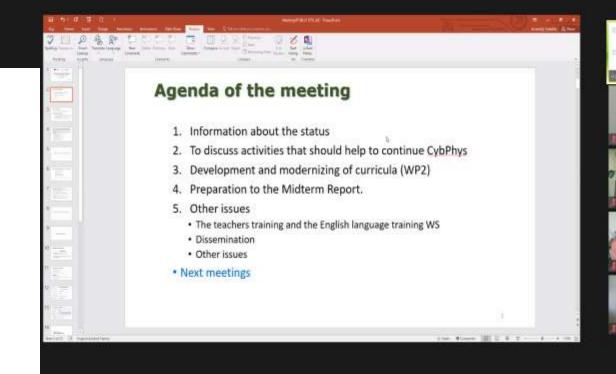
Suggested dates for the next meetings:
- July 5th, Monday
- August 2nd, Monday – probably about

July 5th, 15.00 (Riga – Nicosia time)
    1. Results of the Midterm Report.
    2. A Plan, how to continue CybPhys
    3. Other issues – this will be clarified later.

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Thank you for contribution and participation!