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

CybPhys: Management meeting and WS

Zoom meeting

August 9th 2021

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Agenda of the meeting

1. Information about the project progress
2. A feedback from the Agency EACEA
3. To discuss activities that should help to continue CybPhys.
4. WP2: progress of e-books. *Is it possible to complete the books 4, 5 and 9, developed by Belarusian colleagues?*
5. How to arrange travel to Brugge to English courses?
6. Other issues. Next meetings

Project progress

- RTU is going to finance three e-books electronic issue: 3 (CPNU), 6 (UCY), and 7 (KhNAHU).
- RTU has sent a formal request to EACEA, in which RTU asked permission to continue the project, while the participation of Belarusian partners is suspended – 14.07.21.
- The progress report will be analysed in August and the payment will be made soon afterwards.
- *“Regarding the suspension of BY partners, I am afraid I cannot deal with it at the moment, as I did not receive instructions on how to treat your request from a legal and procedural angle”.*
- *“I have to wait for my legal colleagues to come back from their summer break”.*

How to continue CybPhys?

Reallocation of responsibilities

- WP2 – KhNAHU instead of BSU
- WP3 – LU Leuven remains responsible, CPNU – technical support instead of BSU
- WP4 – CPNU instead of BSU
- WP6 – KNU instead of INP BSU

Activities that should help to continue CybPhys

A request to EACEA was sent on 14.07.21.

- a **new table of responsibilities** of the partners: responsible for WPs. Was sent on 7.07.21
- A new **travel and training schedule** (a draft is prepared). Was sent on 7.07.21.
- A **new budget** that is in a line with the responsibilities: Was sent on 7.07.21.
- **Transferring of responsibilities** of BY partners to UA partners
- Updated **QA Plan**
- Updated **Dissemination and sustainability Plan**
- **To clarify readiness of e-books.** E-books 4, 5, and 9: could we show them as deliverables of CybPhys?
- How to get opportunity to Belarusian partners to get benefits from the CybPhys?

WP2: progress of e-books.

**Is it possible to complete the books 4, 5 and 9,
developed by Belarusian colleagues?**

9. Computer modelling of physical processes and phenomena (manual for bachelor degree students and PhD students)

Responsible: Mozyr State Pedagogical University named after I.P.Shamyakin

The book leader: Aleksandr Makarevich (aleksandr_makarevich@inbox.ru), MSPU

Co-authors:

- Joan Peuteman (joan.peuteman@kuleuven.be), KU Leuven
- Volodymyr Kazymyr (vvkazymyr@gmail.com), CNTU
- Vasily Volkov (v.volkov@tut.by), BSU
- Igor Semchenko (isemchenko@gsu.by), GSU
- Evgeny Shershnev (eshershnev@gsu.by), GSU
- Andrey Samofalov (samofalov@gsu.by), GSU
- Sergey Sokolov (sokolov@gsu.by), GSU
- Alexandr Kupo (kupo@gsu.by), GSU
- Julija Petuhova RTU, RTU 1. Simulation techniques for solving complex real-time problems

5th e-book: High-Performance Scientific Computing and Data Analysis

Leader: Belarusian State University (BSU), Prof. Vasily Volkov, Dr. Oleg Romanov (romanov@bsu.by)

Co-authors: BSU – Vasily Volkov (v.volkov@tut.by)

- BSU – Oleh Romanov (romanov@bsu.by)
- BSU – Anatoly Zherelo (Zherelo@bsu.by)
- BSU – Sergei Bakhanovich (bsv@am.bas-net.by)
- RTU – Arnis Lektuers (arnis.lektuers@rtu.lv)
- BSU – Aleksandr Kozlovski (kozlovskia@bsu.by)

e-book 4: "Modern Mathematical Physics: Fundamentals and Application"

Responsible: Belarusian State University (BSU)

Book leader: BSU - Natalya G. Abrashina-Zhadaeva, e-mail: zhadaeva@bsu.by

Co-authors:

- BSU - Natalya V. Brovka, e-mail: brovka@bsu.by
- BSU - Igor A. Timoshchenko, e-mail: timoshchenkoia@bsu.by

Other questions

Planned trainings in 2021

- **English courses**
- The courses will be organized on-site in Bruges 13-17th September 2021.
- **Training seminar for representatives of Partner Countries (Teacher Training) on line:**
- RTU, September 7-8th
- KU Leuven, September 9-10th
- University of Cyprus, September 23- 24th

English language courses

It looks like a colleague from Ukraine:

- Has to have a certificate about a valid vaccination
- has to be registered in the Passenger Locator Form (e-PLF) less than 48 before arrival to Belgium.

Since Ukraine now is in the “green zone”, testing and carantine on arrival to Belgium is not necessary!

Next meeting schedules

The meeting will be held at the end of September

1. A Plan to continue CybPhys
3. Other issues – this will be clarified later.





Thank you for contribution and
participation!