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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

December 7th, 2020

Anatolijs Zabashta
Project coordinator
Riga Technical University

Agenda of the meeting

- Information about the status
- **1. Developing the Sharing Modelling and Simulation Environment platform (WP4)**
- **2. Implementation of innovative ICT based teaching/ learning environment (WP3).**
- **3. Development and modernizing of curricula (WP2)**
- Other questions
- Next meetings

Happy birthday to you, Наталья!



Project progress

- A new project leader of the Belarusian team: associate professor **Dzianis Marmysh**, the list of the contact persons is available:
<https://eduphys.bsu.by/mod/folder/view.php?id=2248>
- Access to E-library looks as resolved
- Process of accreditation in Belarusian Government?
- Monitoring meeting of Belarusian NEO on **December 10th**
- Ukrainian partners are closed to the finish concerning purchase of equipment.

Communication of the project PO

- No specific follow-up actions from the Agency need to be agreed with you and your project is under control and that you are making efforts to gradually catch up with the delay 😊
- Regarding your question about **unspent travel costs**, they will have to **be refunded to the Agency**. I am afraid we do not see any reason why staff costs should increase because of Covid 19.
- The Agency can allow for a flexibility of 10%, i.e. staff costs (in principle limited to 40% of the total grant) can thus reach 44% of the total grant if you use this flexibility.

Note: in a case, if the total budget will be spent

- Which type of penalties can be applied and how?

Which type of penalties can be applied and how?

2.1. Which type of penalties can be applied and how?

POOR, PARTIAL OR LATE IMPLEMENTATION

- REDUCTION RATE UP TO 75% DEPENDING ON THE SCORING AT FINAL REPORT ASSESSMENT STAGE



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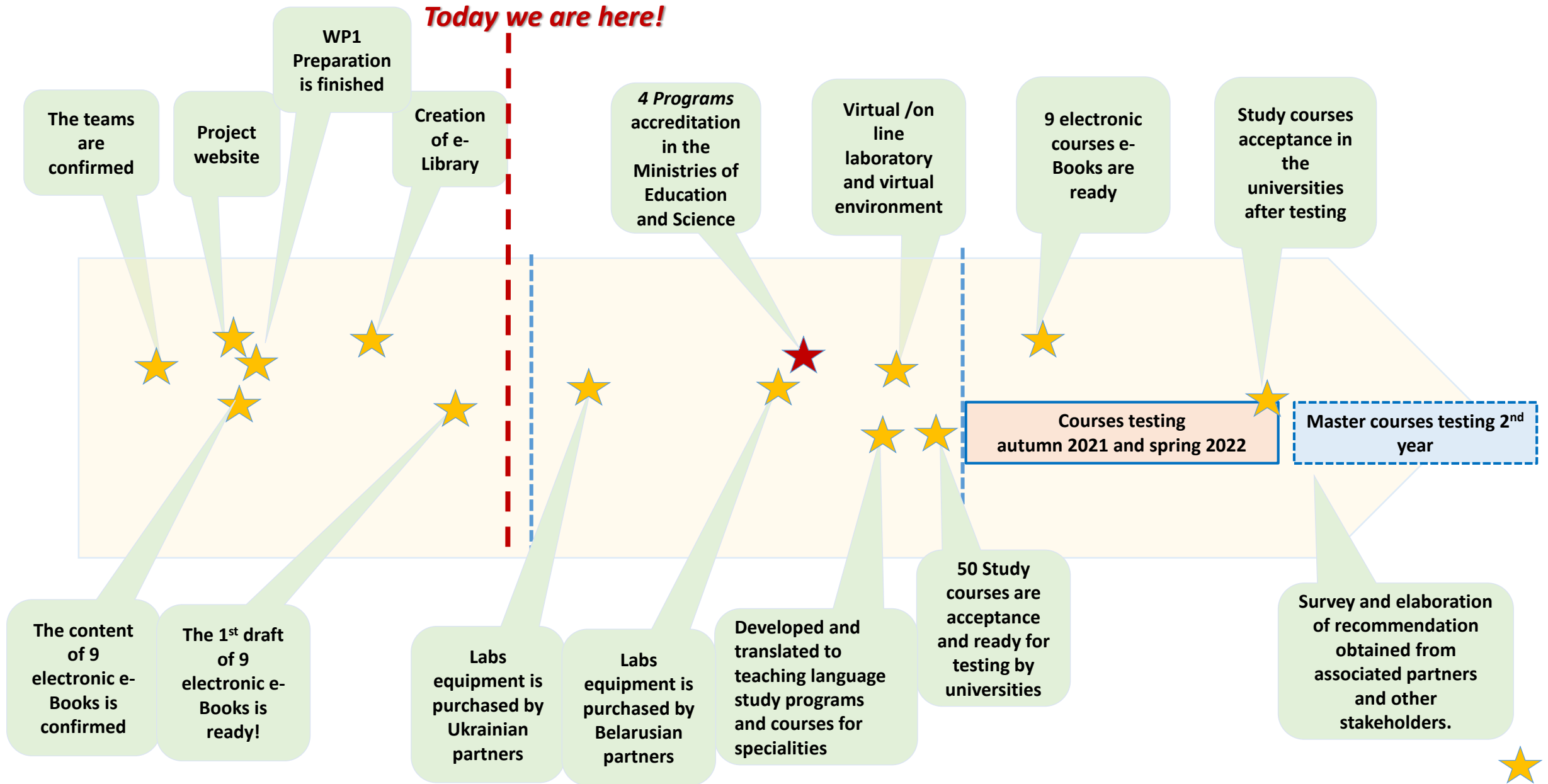
NON-COMPLIANCE WITH EU VISIBILITY REQUIREMENTS

- REDUCTION RATE OF 20%

BREACH OF CONTRACTUAL OBLIGATIONS

- REDUCTION RATE OF 20%

Deliverables schedule 2019-22



**Developing the Sharing
Modelling and Simulation
Environment platform (WP4)**

Previous discussions about implementation of SMSE platform

- **Jupyter Notebook** systems as SMSE:
 - Possibility to run simple simulations and advanced analytical tools right from the browser
 - Everything is implemented in **Python** programming language
 - Can be integrated into **E-learning platform and ICT infrastructure of BSU**
 - Educator-friendly interface.
- BSU team will present **implementation plan** for WP4 at the next meeting in December
- The partners will **delegate representatives** to the development team
- **1-2 testing lab courses** on SMSE platform by each partner by the end of the project!

Implementation of innovative ICT based teaching/learning environment (WP3)

Ku Leuven University (methods), (BSU – technical support)

Development and modernizing of curricula (WP2)

Information from the partners

Development of innovative ICT based teaching and learning environment

3.1. Creation of Electronic Library.

Development of virtual environments for distance learning and virtual mobility on the base of Moodle platform.

3.2. Elaborating e-books, document sharing facilities, digital writing and publishing facilities.

3.3. Development of learning and teaching methodologies and pedagogical approaches for use of ICT

3.4. *Workshop on ICT tools in Brugge*

Monitoring meeting of Belarusian NEO on December 10th

- Agenda is confirmed with NEO
- Presentations from each partner.
- To invite stakeholders. How is it about associated partners?
- Other issues?

Next meeting schedules

Suggested dates for the next meetings:

- January 12
- February 8
- March 1

Tuesday January 12th:

1. Development and modernizing of curricula (WP2)
2. Elaboration of e-books



МГПУ им. И.П. Шамякина



Anatolijs Zabašta



Joan Peuteman



Ludovic Espeel



Alexander Fedotov



Nadezhda Kunicina



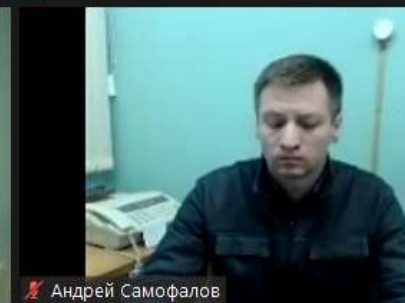
Dzianis Marmysh



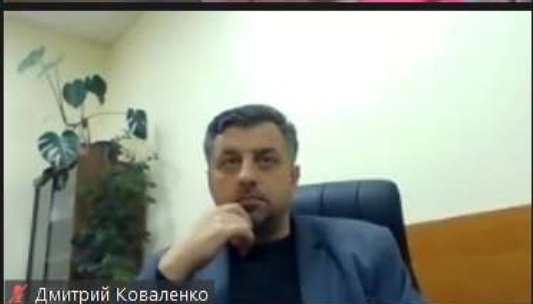
Volodymyr Kazymyr



Oleksandr Drozd



Андрей Самофалов



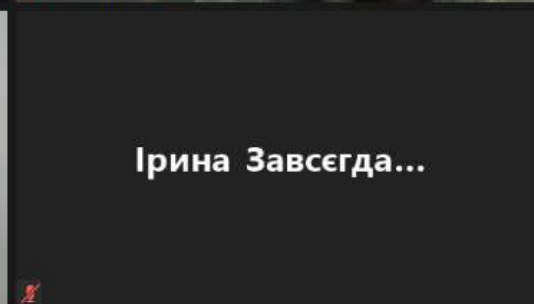
Дмитрий Коваленко



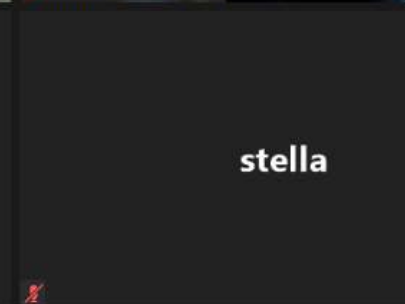
Щасяна Аргун



Andrii



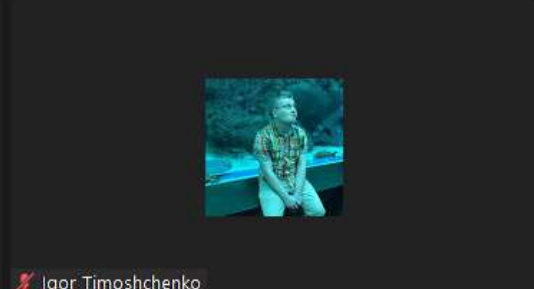
Ірина Завсеґда...



stella



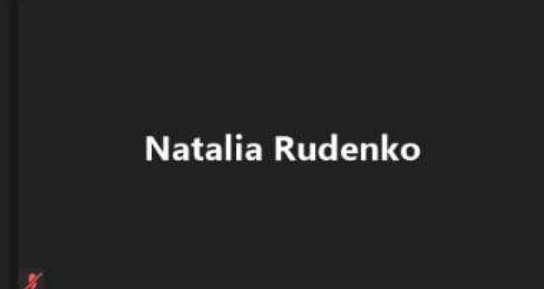
Anastasija



Igor Timoshchenko



Darja



Natalia Rudenko

COVID-19 pandemic at a university level

The entire school of the government from the 12th 2020 instead that from Monday, March 16th, all the educational activities were cancelled.

From March 20th, it was clear that the educational activities remained to be cancelled for the entire academic year.



ull Joan Peuteman



Anatolijš Zabašta



Joan Peuteman



Dzianis Marmysh

Дмитрий Кова...

Alex Fedotov

Ірина Завсєгда...



The COVID-19 pandemic in Belgium

During the second half of academic year 2019-2020, the **government took drastic measures** to reduce the number of infections. E.g.

- March 10th 2020: secondary schools were advised to cancel trips abroad and multi-day excursions.
- March 12th 2020: primary and secondary schools were closed down.
- March 17th 2020: a **“weak” lockdown was imposed on the entire country.**



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Thank you!
Questions?