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[CybPhys] e-books

6th e-book: Cyber-Physical Systems Modelling and Simulation

Dr. Irina Ciornei
ciornei.irina@ucy.ac.cy
University of Cyprus



Imperial College
London

Management Meeting 12/01/2021 via zoom

Funded by:



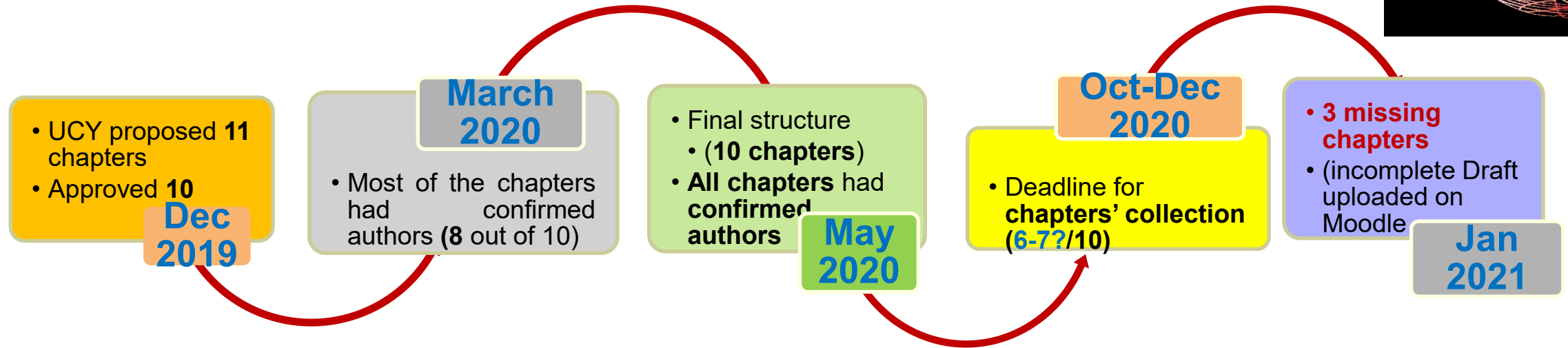
Outline:

- **WP3: Structure of the 6th book & level of completion**
 - missing content
 - Deadlines (old/new?)
- **Plan A: follow up**
- **Plan B: follow up**



Structure of the 6th e-book & level of completion

Timeline of implementation



- This structure was approved (March 2020) and contributors agree to deliver their work by the end of Oct 2020, extended to 10th of Dec 2020
 - 9 chapters (UCY, KNU, & CNTU delivered 2 each)
 - Contributors from 6 partner universities (balanced: 3 from EU and 3 from PCs)

Structure and status of the Content

6.1. Introduction -> UCY (Nikolas Flourentzou) -> **almost ready** (missing brief description for the missing chapters)

6.2. Big Data and the need for Data Processing (Ukrainian version) -> **KNU (Natalia Morkun)**

-> email received today (Ukrainian version of the book)

6.3. Cyber-Security -> **CNTU (Sergey Zaitsev) -> missing chapter**

6.4. Power Systems SCADA system, smart grid, simulation and modelling, WAMC -> UCY (Markos Asprou)

6.5. Transportation Systems -> **KNU (Volodymyr Sistuk) – missing chapter**

Volodymyr Kasymyr spoke with KNU during the meeting and confirmed with KNU to prepare it on time

6.6. Communication Systems and Tools for Cyber-Physical Systems -> RTU (Nadežda Kunicina)

6.7. Embedded Systems (used for cyber-physical systems) -> CNUT (Volodymyr Kasymyr)

6.8. Wireless Sensing and Actuation: energy related aspects -> KU Leuven (Joan Peuteman)

6.9. Hardware and Software of Networks -> GNU (Dmitry Kovalenko)



Plan A: follow up

1. Wait another 2-3 weeks for the other 3 chapters missing (final deadline 31st of Jan)
2. Finalize Chapter 1 (Introduction) based on these input
3. Brief editing proof (no plagiarism check yet – needs approval)
4. Upload the new full version of the e-book on the Moodle Platform



Plan B: follow up

Refers for the case of an approval for a new deadline after Feb 2021

1. Offer new/final deadlines to same or other authors who could fulfill the expertise needed for the chapters
 1. In case the Chapters are not received on time, the book will follow a final version without these chapters
 2. If received on time will follow the same steps as in Plan A