

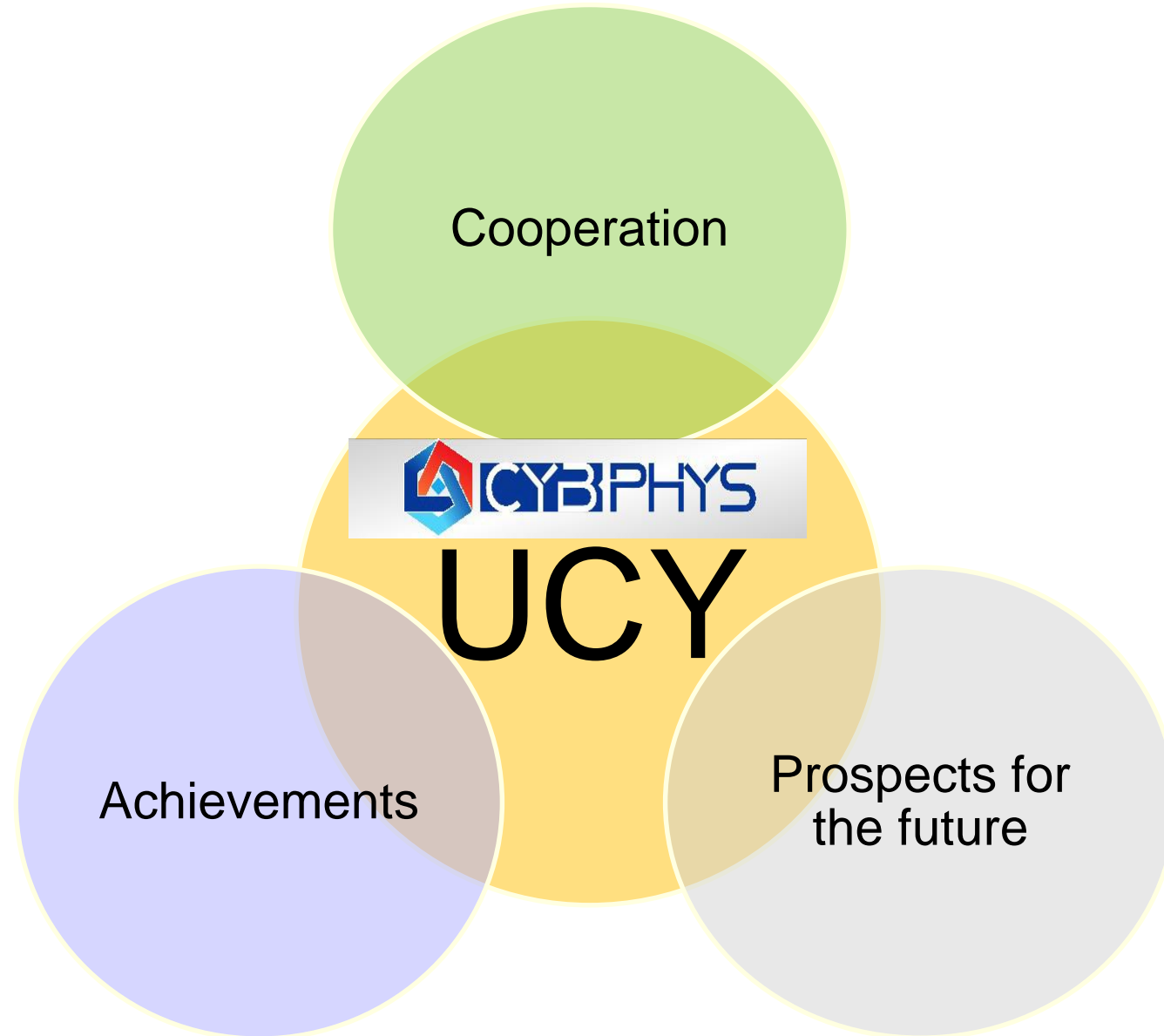
UCY Testimonials about cooperation, achievements and upcoming prospects

Stella K. Hadjistassou (stella1@asu.edu), Irina Ciornei (ciornei.irina@ucy.ac.cy)
& Hanna Hnatova (hnatova.hanna@ucy.ac.cy)

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

Funded by:

Overview

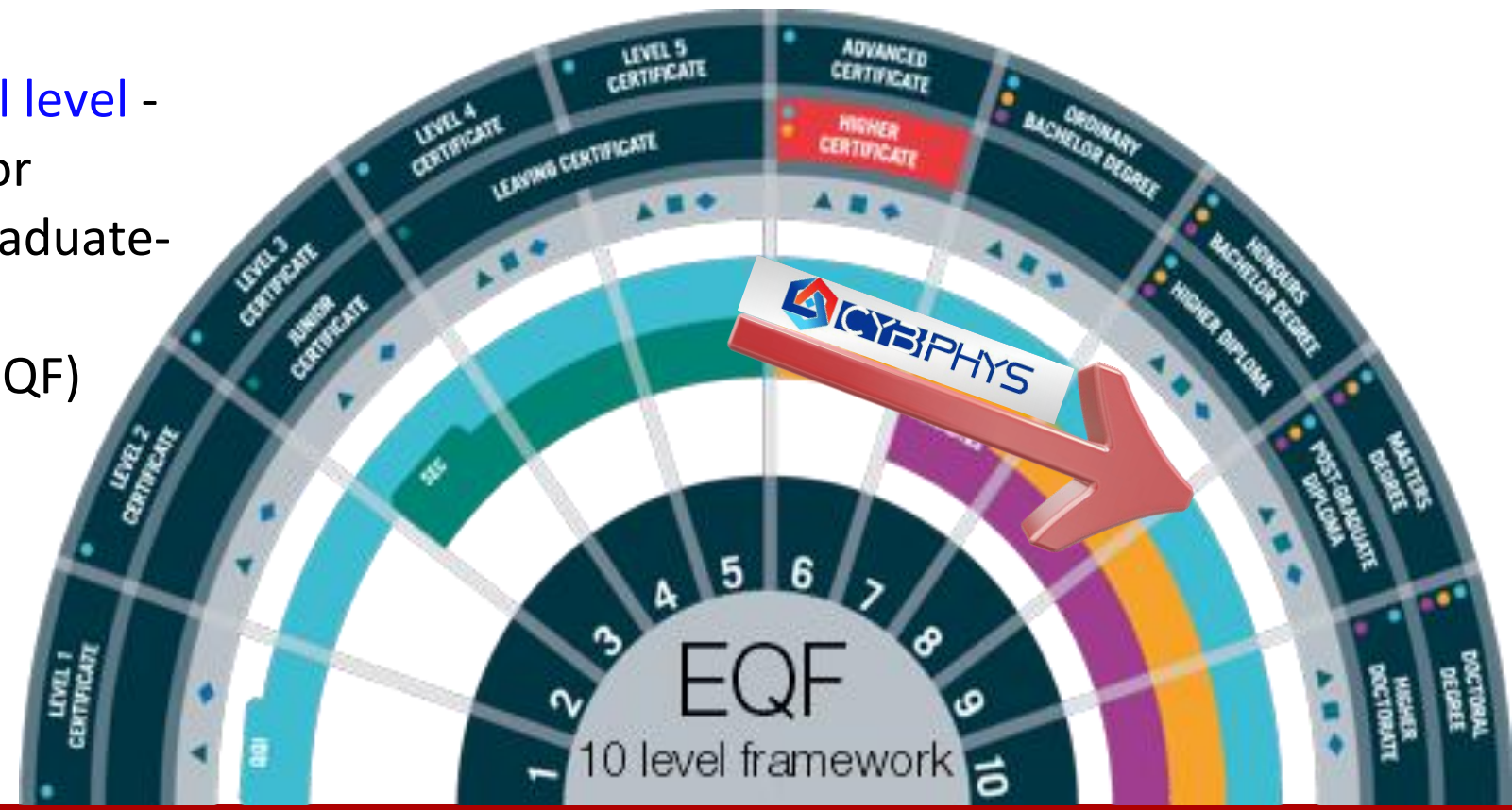


Cooperation

Flow of knowledge and expertise and transfer of practices from UCY, initially to Belarusian and Ukrainian HEI in terms of:

- **Education:**

- ✓ Cooperation at institutional level - the Bologna Conventions for undergraduate- and postgraduate-level education, European Qualification Framework (EQF)



Cooperation

Flow of knowledge and expertise and transfer of practices from UCY, initially to Belarusian and Ukrainian HEI in terms of:

- **Education**
 - ✓ Novel pedagogical approaches
 - ✓ Digital learning
 - ✓ Merging of research and education for skill and competence development



Cooperation

Flow of knowledge and expertise and transfer of practices from UCY, initially to Belarusian and Ukrainian HEI in terms of:

- **Research:**
 - ✓ Exposure and training to novel research & innovation projects undertaken at the current stage (e.g., HORIZON, large scale ERASMUS, ERC grants)
 - ✓ Development and deployment of ICT novel technology to solve real-life problems



Cooperation

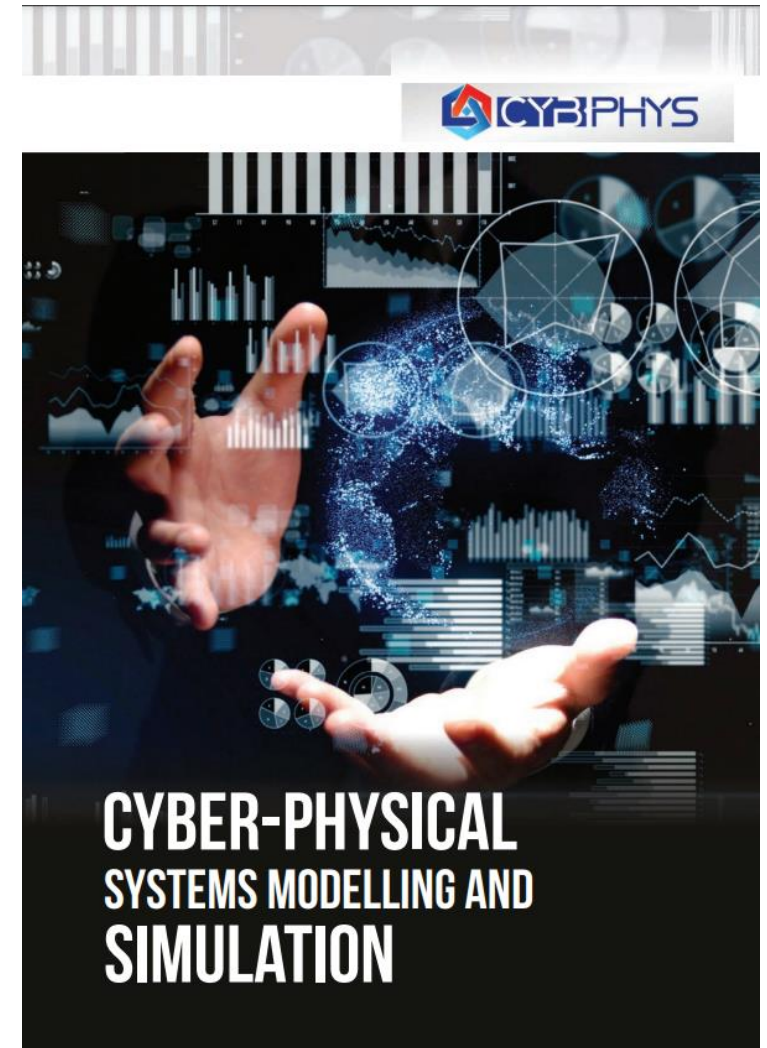
Flow of knowledge and expertise and transfer of practices from UCY, initially to Belarusian and Ukrainian HEI in terms of:

- **Research:**
 - ✓ Cutting-edge research infrastructure: testbeds for modelling and analysis of critical infrastructures and smart cities
 - ✓ Exposure to collaboration between industry stakeholders, policy makers, academia and research institutions (through the KIOS Innovation and Digital Hubs) with the local, regional, national and European impact



Achievements

- Enhancing and advancing the value of education in Cyber Physical Systems
- Spearheading innovation and research
- Establishing and enhancing collaboration between and beyond consortium partners including academia, industry policy makers and interested stakeholders through:
 - ✓ education on Cyber Physical Systems modelling and simulation (e-books; updated curricula and courses, based on Bologna Conventions; customized lectures under the Training Schools for academies and students)



https://ebooks.rtu.lv/wp-content/uploads/sites/32/2022/11/9789934226755_Cyber-Modeling-and-Simulation.pdf

Achievements

- Establishing and enhancing collaboration between and beyond consortium partners including academia, industry policy makers and interested stakeholders through:
 - ✓ training (both for faculty and students) in Cyber-Physical Systems at the KIOS CoE, ft2, blended and virtually



Achievements

- Establishing and enhancing collaboration between and beyond consortium partners including academia, industry policy makers and interested stakeholders through:
 - ✓ **Research** (solutions developed by KIOS through high-impact R&I projects, e.g., Smart5Grids, ELECTRON, ONENET, CARMEL, etc.)
 - ✓ **Innovation:**
 - ✓ Education: novel approaches to reaching, use of digital technologies,
 - ✓ Research: results-driven research delivering high-impact solutions to real-life problems



Upcoming prospects

- Build on the **networks, knowledge, research** and **practices** acquired during the project to:
 - ✓ Advance further education in Cyber-Physical-Systems
 - ✓ Pursue novel paths for new research and collaboration
 - ✓ Identify opportunities for future projects
 - ✓ Contribute to revamping upskilling and reskilling initiatives in Cyber-Physical-Systems





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



THANKS FOR YOUR ATTENTION