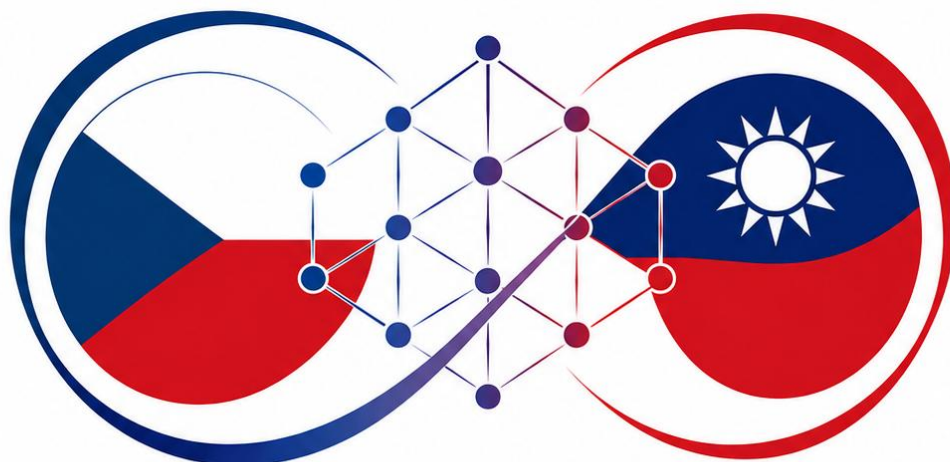




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Ministry of Education,
Youth and Sports
of the Czech Republic



CZECH TAIWAN

— WORKSHOP ON —

QUANTUM MATERIALS





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Welcome Message

It is my great pleasure to welcome you to the Czech–Taiwan Workshop on Quantum Materials, organized within the AMULET project. This meeting builds on our previous collaboration within the UAAT project, reflecting the continuing scientific partnership between researchers from Charles University and National Taiwan Normal University.

Over the past years, this cooperation has developed through academic visits, joint discussions, direct collaboration in our laboratories, and student exchanges. These activities have allowed students and early-career researchers to gain new knowledge and practical laboratory skills while becoming familiar with different research environments and approaches. As part of this workshop, we have also prepared a series of hands-on laboratory sessions, providing participants with the opportunity to experience our experimental facilities, learn about the capabilities of our instrumentation, and discuss experimental methodologies directly with members of our research teams.

Our teams share strong scientific interests, particularly in the physics of low-dimensional and quantum materials, light–matter interactions, and emerging quantum technologies. The workshop provides an opportunity to present and discuss recent results, exchange experience, and explore possible directions for future cooperation.

We also look forward to further developing student mobility, joint supervision of PhD students, and future collaborative projects. Discussions on a Memorandum of Understanding between our institutions may represent a useful step toward more regular and structured cooperation.

I hope that the exchange of ideas during this workshop will support further collaboration between the Czech and Taiwanese research communities and create new opportunities for researchers and students on both sides.

I would like to thank all participants for their contributions and enthusiasm, and I wish you a productive and enjoyable workshop.

Prof. Jana Kalbáčová Vejpravová
Charles University, Faculty of Mathematics and Physics, Prague





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PROGRAM

Day 0 (Sun, June 28)	
	Arrival

Day 1 (Mon, June 29)	
9:00 – 12:00	Opening (campus Troja), Welcome Laboratory visit Charles University, Faculty of Mathematics and Physics I (all participants)
12:00 – 13:00	Lunch break (individual)
13:00 – 18:00	Discussion of the details of experiments carried out during the students' stay/on site in-lab briefing (all participants)
19:00 – 21:00	Get together meeting

Day 2 (Tue, June 30)		
9:00	J. Vejpravova	Opening of the lecture day, Introductory remarks
9:30	Ting-Hua Lu	Talk
10:00	Chien-Chen Lee	Student talk
10:20	Chun-Yao Huang	Student talk
10:40	Coffee break	
11:00	Yann-Wen Lan	Talk
11:30	Liang-Yu Lin	Student talk
11:50	Tsu-Chuan Tu	Student talk
12:10 – 13:30	Lunch on-site(all participants)	
13:30	J. Vejpravova, Ting-Hua Lu	Opportunities for future joint funding and education activities (EU schemes, Czech Science Foundation, UAAT)
14:30 – 15:30	Discussion of student exchange, double degree and related research activities (all participants)	
15:30	Coffee break	
16:00 – 18:00	Laboratory visit Charles University, Faculty of Mathematics and Physics II (all participants)	
19:00	Informal meeting (optional)	





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Day 3 (Wed, July 1)	
9:00 – 12:00	Hands on – lab (chiral Raman and PL experiments) & discussions of results (all participants)
12:00 – 13:00	Lunch break (individual)
14:00 – 16:00	Laboratory visit Heyrovsky institute I (all participants)
19:00	Informal meeting (optional)

Day 4 (Thu, July 2)	
9:00 – 12:00	Hands on – lab (in situ transport experiments under illumination) & discussions of results (all participants)
12:00 – 13:00	Lunch break (individual)
14:00 – 16:00	Laboratory visit Heyrovsky institute II (all participants)
19:00	Informal meeting (optional)

Day 5 (Fri, July 3)	
9:00 – 12:00	Hands on – lab (in situ transport experiments under illumination) & discussions of results (all participants)
12:00 – 13:00	Lunch break (individual)
13:00 – 18:00	Final discussions, Wrap-up
19:00	Closing dinner

Day 6 (Sat, July 4)	
	Free day/optional discussions

Day 7 (Sun, July 5)	
	Departure

This workshop was organized with the support of the AMULET project funded by the Ministry of Education, Youth and Sports of the Czech Republic and co-funded by the European Union (CZ.02.01.01/00/22_008/0004558).

