



PROGRAM

Monday, July 14 – campus Troja (C126)

12:00 – 13:00 Registration, networking, light refreshment

13:00 – 13:15 Welcome and Opening:

Prof. **Jana Kalbáčová Vejpravová**, Ph.D. & doc. **Jiří Pavlů**, Ph.D vice-dean for Physics, Charles University

13:15 – 13:30 – Invited (I.01):

doc. **Jan Prokleška**, Ph.D., Charles University: *Materials Growth & Measurement Laboratory Czech open access research infrastructure*

13:30 – 13:55 – Invited (I.02):

Prof. **Ting-Hua Lu**, Ph.D., National Taiwan Normal University: *Optical Chirality and Exciton-Phonon Coupling in MoS₂*

13:55 – 14:20 – Invited (I.03):

Prof. **Mario Hofmann**, Ph.D., National Taiwan University: *Unmasking the Intrinsic Spin Dynamics at the Interfaces of 2D materials and Ferromagnets*

14:20 – 14:45 – Invited (I.04):

Prof. **Yann-Wen Lan**, Ph.D., National Taiwan Normal University: *Stacking - and Magnetic Field-induced Polar Order in MoS₂*

14:45 - 15:05 – coffee break, networking

15:05 – 16:30 – lab tour I Material Growth and Measurement Laboratory (MGML)

Free time

Campus Troja, Faculty of mathematics and physics, Charles University, Cryogenics Laboratory “C” (room C126)

V Holešovičkách 747/2, 180 00 Praha 8

How to get there:

From the metro station *Nádraží Holešovice* line C (red) go two stops by bus **201** to *Kuchyňka*



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Tuesday, July 15 – campus Karlov (F2)

9:30 – 9:55 – Invited (I.05):

Aleš Melzer, Charles University: *Magneto-optical spectroscopy as an effective probe to electronic structure*

9:55 – 10:20 – Invited (I.06):

Prof. Yu-Chiang Chao, Ph.D., National Taiwan Normal University: *Optoelectronic Devices based on Chiral Halide Perovskites and Organic Semiconductors*

10:20 – 10:40 – coffee break

10:40 – 11:40 – lab tour ^aII (magneto-optical lab, technology lab)

Lunch break 11:40 – 12:40

12:40 – 13:05 – Invited (I.07):

Prof. Wen-Chin Lin, Ph.D., National Taiwan Normal University: *Modulation of Magnetic Domain and Coercivity in 2D van der Waals Material $\text{Fe}_3\text{Ga}_2\text{Te}_2$*

13:05 – 13:30 – Invited (I.08):

Milan Dopita, Ph.D., Charles University: *X-ray Diffraction and Complementary Techniques for the Structural Analysis of Nanostructured and Functional Materials*

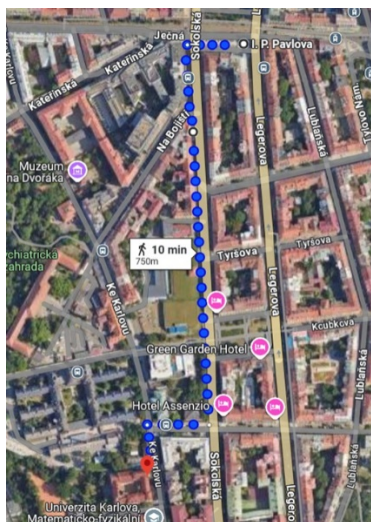
13:30 – 14:30 – lab tour ^bII (X - ray lab)

Free time

Campus Karlov Faculty of Mathematics and Physics Ke Karlovu 5 (room F2)
Ke Karlovu 2026/5, 121 16 Praha 2

How to get there:

You can walk from the metro station *I.P. Pavlova* line C (red) to *Faculty of Mathematics and Physics Ke Karlovu 5* „F“, or you can take bus *148* one stop *Dětská nemocnice Karlov*



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Wednesday, July 16 – Heyrovsky Institute (room 108)

9:30 Welcome

9:35 – 9:55 – Invited (I.09):

doc. Ing. **Kalbáč Martin** Ph.D., DSc, J. Heyrovský
Institute of Physical Chemistry: *UHV exfoliation on
the surface of reactive metals*

9:55 – 10:15 – Invited (I.10):

Frank Otakar Ph.D., J. Heyrovský Institute of
Physical Chemistry: *On the importance of tip-
enhanced spectroscopy when characterizing 2D
materials*

10:15 – 10:35 – Invited (I.11):

Dr. **Luka Pirker**, J. Heyrovský Institute of Physical
Chemistry: *The Role of Metallic Substrates in Large-
Area Exfoliation of TMDCs*

10:35 – 10:55 – coffee break

10:55 – 11:15 – Invited (I.12):

Ing. **Oleksandr Volochanskyi**, J. Heyrovský Institute
of Physical Chemistry: *Graphene-templated Achiral
Hybrid Perovskite: Unlocking Circularly Polarized
Emission & Sensing*

11:15 – 11:40 – Invited (I.13):

Prof. **Ya-Ping Chiu**, Ph.D., National Taiwan
University: *Cross-sectional STM for investigating
interface property in heterostructures and future
electronics*

11:40 – 11:50 – Invited (I.14):

Li-Sheng Lin, National Taiwan University: *Interlayer
Coupling in MoS₂ on Bi(110) and Bi(111): A First-
Principles Investigation*

11:50 – 12:00 – Invited (I.15):

Yan-Ruei Lin, National Taiwan University:
*Atomically Resolved Interlayer Coupling in MoS₂ on
Bi(110) and Bi(111)*

12:00 – 13:30 Lunch break

13:30 – 15:00 – **lab tour III Dept. of low-dimensional systems, Dept. of electrochemical materials**

Free time

18:00 – 22:00 – dinner Pivovar Ládví Cobolís, Burešova 1661/2, 182 00 Praha 8-Kobylisy (metro Ládví)

**J. Heyrovský Institute of Physical
Chemistry (room 108)**

Dolejšková 2155/3, Libeň, 182 00 Praha 8

How to get there:

The Heyrovský Institute is only a 10 -
minute walk from the metro station **Ládví**
line C (red).



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Thursday, July 17 – campus Troja (C126)

10:00 – 10:20 – Invited (I.16):

Daowei Wang, Ph.D., Charles University: *Guided exchange-dipole spin wave in monolayer CrSBr*

10:20 – 10:40 – *Invited (I.17):*

Vaibhav Varade, Ph.D., Charles University: *Isotope Engineering in Two-Dimensional Transition Metal Dichalcogenides and Their Hetero-bilayers*

10:40 – 11:00 – Invited (I.18):

Rahul Kesarwani, Ph.D., Charles University: *Giant Polarisation Ratio in Chiral Photoluminescence from MoS₂ Nanorolligami via Centre-to-Edge Rolling*

11:00 – 12:20 – **lab tour IX (surface science group), round table discussion and refreshments**

Closing ~ 12:20

~12:30 – 13:00 – *closing lunch*

13:30 – **Guided tour – Prague Castle, Old Town**



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