

AtomDeC 1st Regional mini-Symposium

Mini symposium of “Atomic Design of Carbon-Based Materials for New Normal Society”



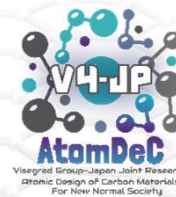
March 16, 2022
Hybrid event
Budapest, Hungary



Narodowe Centrum
Badań i Rozwoju



- Supported by Japan Science and Technology Agency: JST SICORP; Ministry of Education, Youth and Sports of the Czech Republic: MEYS; National Centre for Research and Development of Poland: NCBR; Slovak Academy of Sciences: SAS; National Research, Development, and Innovation Office of Hungary: NKFIH and the International Visegrad Fund: IVF
- This is a close meeting for AtomDeC members and potential Hungarian collaborators.



Location: ELKH TTK – Eötvös Loránd Research Network, Research Centre for Natural Sciences

Chair: Dr Tamas Szabo (University of Szeged, Hungary) sztamasa@chem.u-szeged.hu

Local Host: Dr Robert Kun (ELKH TTK & Budapest University of Technology, Hungary) kun.robert@ttk.hu

Program

March 16, Starting time: 2:00 PST // 11:00 CET / 19:00 JST

10:50 – 11:00 (CET): Opening remarks (Dr Tamas Szabo) /HUN

11:00 – 11:10 (CET): Introduction of the project by the Secondary Project Leader (Dr Amrita Jain) /POL

11:10 – 11:20 (CET): Short introduction and remarks of the PI (Prof Hirotomo Nishihara/ Tohoku Uni) /JPN

11:20 – 11:30 (CET): Self-introduction of Prof Krisztina László (Budapest University of Technology) /HUN

11:30 – 11:40 (CET): Self-introduction of assoc. Prof Robert Kun (TU Budapest/ELKH TTK) /HUN

11:40 – 12:40 (CET): Scientific Oral Presentation session 1 (20 min each incl. Q&A)

12:40 – 13:40 (CET): Lunch break

13:40 – 14:45 (CET): Scientific Oral Presentation session 2 (15 min each incl. Q&A)

14:45 – 16:00 (CET): Coffee, Discussion & Lab visits at ELKH TTK

16:00 Farewell

Scientific Oral Presentations

No.	Presenter	Time	Title
O1	Lakshmi Shiva Shankar (ELKH TTK)	11:40-12:00	Supercritical CO ₂ assisted synthesis of sustainable and highly stable carbon/sulfur composite cathodes for Li-S batteries
O2	Samantha Kathiuska Samaniego Andrade (BME - TU Budapest)	12:00-12:20	Effect of GO doping on texture and surface chemistry of carrageenan based porous carbon aerogel
O3	Monika Michalska (VSB - TU Ostrava)	12:20-12:40	Nanomaterials for energy and photocatalysis (+ intro)
O4	Péter Nagy (University of Szeged)	13:40-13:55	Waste generated graphene based nanocomposites for electrochemical and energy-related applications
O5	Wissem Methani (ELKH TTK)	13:55-14:10	Nanomechanical, structural and electrochemical investigation of amorphous and crystalline MoO ₃ thin-film cathodes in rechargeable Li-ion batteries
O6	Derek Ovc-Okene (ELKH TTK)	14:10-14:25	Organosulfur based cathodes for room temperature lithium sulfur batteries
O7	Amrita Jain (IPPT PAN Warsaw)	14:25-14:45	Supercapacitors: An Interesting Energy Storage Device (+ intro)