KEMIJSKI INŠTITUT

Kolokvij / Colloquium

Prihodnost raziskav na področju baterij v Sloveniji

The future of battery research in Slovenia

Četrtek / Thursday, 12.12.2024, 10.00 – 12.00

Velika predavalnica, 1. nadstropje / Great Lecture Hall, 1st floor

Jezik / Language: Angleščina / English

Povzetek / Abstract

The National Institute of Chemistry is organizing a colloquium dedicated to the future of battery research in Slovenia. The aim of the colloqium is to present the latest scientific insights and technical innovations that will transform energy storage. As the global demand for sustainable energy increases, battery research is crucial to address the pressing challenges of energy efficiency and storage capacity. Presentations by renowned speakers will span both foundational research and applied sciences, placing Slovenia's strategies in battery research alongside cutting-edge advances in Europe and beyond.

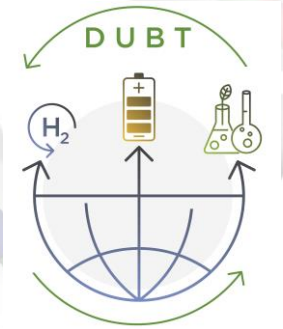
This colloquium will place our national efforts in a broader international context. We will also highlight the National Institute of Chemistry's pivotal role in advancing battery technology, with a special tribute to the impactful contributions of the late Prof. Dr. Janko Jamnik, honoring his legacy on the tenth anniversary of his passing. This event aims to strengthen Slovenia's presence in the global battery research community and inspire future contributions that address the world's energy needs.

Vljudno vabljeni / Kindly invited

KEMIJSKI INŠTITUT

Sodelujoči in program / Speakers and program

1	10.00 – 10.25	**Prof. Dr. Radovan Stanislav Pejovnik**, Faculty of Chemistry and Chemical Technology, University of Ljubljana, Slovenia: **How and when we made the first Slovenian lithium battery dedicated to Janko Jamnik**
2	10.25 – 10.50	**Prof. Dr. Miran Gaberšček**, National Institute of Chemistry, Ljubljana, Slovenia: **Transmission line modeling in electrochemical impedance spectroscopy**
3	10.50 – 11.15	**Prof. Dr. Joachim Maier**, Max Planck Institute for Solid State Research, Stuttgart, Germany: **Generalized storage**
4	11.15 – 11.35	**Prof. Dr. Robert Dominko**, National Institute of Chemistry, Ljubljana, Slovenia: **A swift shift of battery research from the basic to the applied level**
5	11.35 – 12.00	**Dr. Tine Tomažič**, Pipistrel, Ajdovščina, Slovenia: **Overview of experience in aviation propulsion batteries**



REPUBLIKA SLOVENIJA
MINISTRSTVO ZA VISOKO ŠOLSTVO, ZNANOST IN INOVACIJE

I FEEL SLOVENIA

Sofinancira Evropska unija