



82nd International Scientific
Conference of the
University of Latvia 2024

**Workshop: Chemical sensors,
nanomaterials, measurement
methods and prototyping**

Friday, 16 February 2024,

Online , ZOOM at the 14.00 (Riga time)



UNIVERSITY OF LATVIA
**INSTITUTE OF
ATOMIC PHYSICS
AND SPECTROSCOPY**



Programme

Chair: Dr. Roman Viter		
14.00–14.05	Dr. Roman Viter <i>Institute of Atomic Physics and Spectroscopy, University of Latvia</i>	Opening of workshop
14.05–14.20	Ms. Iryna Yakymenko, <i>UkraVit, Ukraine</i>	Recent situation with sensors in agriculture
14.20–14.40	Prof. George Kostakis, <i>University of Sussex</i>	Chemical Chartography in biological related examples
14.40–14.55	Mr. Viktor Zabolotnii (PhD) <i>Institute of Atomic Physics and Spectroscopy, University of Latvia</i>	New organic luminophors as organic sensor platforms
14.55–15.15	Dr. Michela Alfe <i>CNR, Naples, Italy</i>	MOF synthesis for sensor applications: tuning structure and functional properties
15.15–15.40	Coffee break, discussions	
Chair: Dr. Roman Viter		
15.40–16.00	Rayane Zribi, <i>University of Messina, Italy</i>	CNT/WS2 heterostructures for the effective electrochemical sensing of riboflavin (vitamin B6)
16.00–16.15	Ms. Iryna Tepliakova (PhD) <i>Institute of Atomic Physics and Spectroscopy, University of Latvia</i>	Detection of metal ions by Schiff base like compounds by using optical absorbance and photoluminescence, Iryna Tepliakova, University of Latvia

16.15–16.35	Prof. Vincent Noel <i>University Paris Cite, France,</i>	Inkjet Printed Organic transistors for biosensing applications,
16.35–16.55	Dr. Mikael Syväjärvi, <i>Alminica AB, Sweden</i>	Technology transfer: from idea to application,
16.55–17.00	Conclusions, discussions	