

19.09.2022, Monday

15.00 - 17.00	REGISTRATION: Al. Piastów 19, Hall on the Ground floor of WIMiM
17.00 - 18.45	<p>Opening Ceremony: Aula (Auditorium Maximum), 3rd floor of WIMiM</p> <p>Welcome address: Prof. dr hab. Czesław Rudowicz Chairman, Polish EMR Group; Adam Mickiewicz University Dr hab. inż. Jacek Wróbel, Prof. ZUT; Honorary Patronage Rector, West Pomeranian University of Technology in Szczecin [WPUT] Prof. dr hab. inż. Mirosław Pajor Dean, Faculty of Mechanical Engineering and Mechatronics, WPUT & Chairman of the Local Organizing Committee [LOC] Prof. dr hab. Niko Guskos Honorary Chairman of the LOC, WPUT</p> <p>Sponsor's speech: Dr Tomasz Czechowski Research and Development Director, NOVILET; Poznań; www.novilet.eu</p> <p>In Memory of Professor Ryszard Krzyminiewski: Dr hab. Bernadeta Dobosz, Prof. UAM <i>50 years of EPR/ESR spectroscopy at the Faculty of Physics, Adam Mickiewicz University in Poznań</i></p> <p>Commemorative Group Photo</p>
19.00 – 21.00	Grill Party, Al. Piastów 19, Internal courtyard behind the WIMiM building
20.09.2022, Tuesday; Aula (Auditorium Maximum), 3rd floor of WIMiM	
	Chairman: Prof. Czesław Rudowicz
9.00 - 9.30	Sponsor's speech: Dr. Eric Xu Director of Magnetic Resonance, CIQTEK ; China; Web: https://en.ciqtek.com
9.40 - 10.30	Oleksii Laguta, Vinicius Santana, Andriy Marko, Antonin Sojka, Matuš Šedivý, Artur Solodovnik, Jana Midlikova-Dubninska, Jorge Navarro, Zdeněk Píša, Ladislav Křenek, Petr Neugebauer <i>High-frequency EPR: current state and perspectives</i>
10.30 – 11.10	Ryhor Fedaruk , Maria A. Augustyniak-Jabłokow, Roman Strzelczyk, Antonio Barbon <i>Vacuum Rabi splitting and Rabi oscillations in EPR of glass-like carbon</i>
11.10 - 11.50	COFFEE BREAK
11.50 - 12.30	Ireneusz Stefaniuk , Czesław Rudowicz, Dawid Marcinkowski, Ariel Adamski, Maciej Kubicki, Violetta Patroniak, Tomasz Ślusarski, Muhammed Açıkgoz, Mirosław Karbowski, Adam Gorczyński, Maria Korabik <i>CW and pulsed EMR spectra of Cu²⁺ ion in potential molecular nanomagnets</i>
12.30 - 12.55	Krzystian Mokrzyński , Michał Sarna, Theodore G Camenisch, Tadeusz Sarna <i>Photoreactive and antioxidative properties of natural melanin pigments</i>
12.55 – 13.20	Agnieszka Drzał , Martyna Elas <i>Electronic paramagnetic resonance in the non-invasive monitoring of the tumor microenvironment</i>

13.20 - 14.50	LUNCH
	Chairman: Prof. Petr Neugebauer
14.50 - 15.30	Muhammed Açıkgoz, Ram Kripal, Madan Gopal Misra, Awadhesh Kumar Yadav, Paweł Gnutek, Czesław Rudowicz <i>Semi-empirical modeling of crystal field and zero field splitting parameters for Mn²⁺ ions doped into tetramethylammonium tetrachlorozincate crystal</i>
15.30 -16.10	Maria A. Augustyniak-Jabłokow , Roman Strzelczyk, Ryhor Fedaruk, Krzysztof Tadyszak, Karolina Jurkiewicz <i>Triplet States in Glass-like Carbon</i>
16.10 - 16.35	Roman A. Strzelczyk , Susanna Ciuti, Antonio Barbon <i>A new tool for EPR data analysis in the study of photoexcited triplet states</i>
16.35 - 17.00	COFFEE BREAK
17.00 - 18.30	POSTER SESSION
18.30 - 19.30	GENERAL MEETING OF THE POLISH EMR GROUP
20.00 - 23.55	CONFERENCE BANQUET, <i>Venue will be announced at Registration.</i>
21.09.2022, Wednesday; Aula , 3rd floor of WIMiM	
	Chairman: Prof. Maria A. Augustyniak-Jabłokow
9.00 - 9.40	Bartosz Mozgawa, Filip Zasada, Kinga Góra-Marek, Chengyang Yin, Zhen Zhao, Piotr Pietrzyk, Zbigniew Sojka <i>Molecular insights into the SCR reaction mechanism catalyzed by Cu and Ni , metallozeolites - EPR/HYSCORE, 2D COS IR and DFT investigations</i>
9.40 - 10.05	Bernadeta Dobosz , Ryszard Krzyminiewski , Klaudia Kotarska, Eliza Gunia, Grzegorz Schroeder, Joanna Kurczewska <i>Interactions between TEMPO-functionalized magnetic nanoparticles and cells</i>
10.05 - 10.30	Kamila Sobańska , Łukasz Wolski, Piotr Pietrzyk <i>EPR detection of reactive oxygen species on mixed metal oxides in the presence of hydrogen peroxide</i>
10.30 - 10.55	Bartosz Mozgawa , Filip Zasada, Monika Fedyna, Kinga Góra-Marek, Piotr Pietrzyk, Zbigniew Sojka <i>EPR study of copper active sites in Cu-SSZ-13 zeolites - application in selective catalytic reduction of NOx with ammonia</i>
10.55 - 11.25	COFFEE BREAK
	Chairman: Prof. Zbigniew Sojka
11.25 - 11.50	Krzysztof Kruczała , Marek Bucki <i>Study of plastic objects aging processes by means of EPR spectroscopy</i>
11.50 - 12.15	Bohdan V. Padlyak , Ihor I. Kindrat, Yuriy O. Kulyk, Adam Drzewiecki, Yuriy S. Hordieiev, Victor I. Goleus, Radosław Lisiecki <i>Local Structure, EPR and Optical Spectroscopy of Complex Lead-Silicate Glass, Doped with Copper</i>
12.15 - 12.40	V.D. Popovych , L. Dubiel, I. Stefaniuk, B.Cieniek, M. Kuzma <i>Anisotropic effects of EPR spectrum of the Cr₃Te₄ macro-defects embedded in the CdTe single crystalline matrix</i>

12.40 - 13.05	Maciej Witwicki <i>Semiquinonato Complex of diamagnetic metal cations: experimental and computational EPR studies</i>
13.05 - 15.00	LUNCH
16.00 – 18.00	BOAT TRIP, Details will be announced at Registration.
22.09.2022, Thursday; Aula, 3rd floor of WIMiM	
	Chairman: Prof. Ireneusz Stefaniuk
9.00 - 9.40	Adam Ostrowski , Waldemar Bednarski, Izabela Malinowska, Marta Kowalkińska, Anna Zielińska-Jurek <i>ESR photochemical measurements of new photocatalysts for water treatment by spin-trapping method</i>
9.40 - 10.05	Barbara Pytel , Dariusz Man <i>Impact of selected selenium compounds on dynamic properties of model membranes - electron paramagnetic resonance study</i>
10.05 - 10.30	M. Kuzma , V.D. Popovych, S. Zhou, G. Luka, I. Stefaniuk, B. Cieniek <i>Anisotropic hyperfine interaction in CdTe:I single crystals implanted with chromium</i>
10.30 – 11.10	COFFEE BREAK
11.10 - 11.35	Yi-Shin Chen, Zhen Bao, Wen-Tse Huang, Agata Lazarowska, Natalia Majewska, Sebastian Mahlik, Grzegorz Leniec , Sławomir M. Kaczmarek, Hsiao-Yu Huang, Chun-I Wu, Di-Jing Huang, Ru-Shi Liu <i>Unusual EPR spectra and temperature behaviour of Mn²⁺ ions in organic-inorganic hybrid manganese halides.</i>
11.35 – 12.00	Niko Guskos, Agnieszka Sienkiewicz, Ewelina Kusiak-Nejman, Agnieszka Wanag , Antoni W. Morawski, Danuta Piwowarska <i>EPR investigation of APTES-TiO₂ under artificial solar light</i>
12.00 –12:30	CONFERENCE CLOSING
12:30 – 14:00	LUNCH

Categories & Duration of the presentations:

- * **Plenary:** 45 min + 5 min for discussion
- * **Invited:** 35 min + 5 min for discussion
- * **Oral:** 20 min + 5 min for discussion.

Session Chairmen are kindly requested to inform each presenter:

- 1) about 10 min before the end of presentation that there are "10 min left including discussion";
- 2) about 5 min before the end of presentation that "the remaining time should be devoted for discussion".

Please upload the file with your presentation into the conference computer before the start of a given session, unless you intend to use your own notebook.