

PROGRAMME OF THE 18TH WORKSHOP ON MOLECULAR ACOUSTICS, RELAXATION AND CALORIMETRIC METHODS

Szczyrk, 27 February – 02 March 2023

27.02.2023 Monday	
14:00	<i>Lunch</i>
16:00-16:10	OPENING CEREMONY of the Conferences 50th Jubilee WSEA&V 51st WSW&QA 17th IOS'2023
16:10-17:45	JUBILEE SESSION
16:10-16:45	<i>Plenary lecture:</i> „Acoustical” Winter Schools in photos. 60 years of the Upper Silesian Division of the PAS (<i>in Polish</i>) R. BUKOWSKI
16:45-17:00	<i>Addresses and speeches</i>
17:00-17:45	<i>Plenary lecture:</i> Reduction of device noise M. PAWEŁCZYK
17:45-18:20	<i>Coffee Break</i>
18:30-19:30	MUSIC GLANCE - SILESIAAN CULTURAL CENTER
19:30	<i>Supper</i>

28.02.2023 Tuesday	
8:00	<i>Breakfast</i>
13:00	<i>Lunch</i>
14:30- -18:30	SESSION
14:30-15:00	<p><i>Common part for all Conferences:</i> MEMORIES about: prof. Mieczysław Szustakowski; prof. Grażyna Grelowska</p>
15:05-15:40	<p>Ultralong carbon nanotube-paraffin composites of record thermal conductivity as phase change materials S. BONCEL, A. W. BLACHA, G. DZIDO, R. TURCZYN, R.afał G. JĘDRYSIAK, A. KOLANOWSKA, A. TRACZ, W. ZIĘBA, A. CYGANIUK, A. P. TERZYK (invited lecture)</p>
15:40-16:00	<p>New two-step non-ultrasonication method of preparation of ionanofluids Ł. SCHELLER, H. F. GREER, B. JÓŹWIAK, G. DZIDO, J. DZIADOSZ, A. KOLANOWSKA, R. JĘDRYSIAK, S. BONCEL, M. DZIDA</p>
16:00-16:20	<p>Thermal properties of ionanofluids with functionalized multi-walled carbon nanotubes K. CWYNAR, R. JĘDRYSIAK, S. BONCEL, M. DZIDA</p>
16:20-16:50	<i>Coffee break</i>
16:50-17:10	<p>Ultrasound study of magnetic Pickering emulsions B. JAMEEL, R. BIELAS, T. HORNOWSKI, A. JÓZEFCAK</p>

17:10-17:30	Pickering droplets and liquid marbles as templates for the formation of capsules R. BIELAS, T. KUBIAK, A. JÓZEF CZAK
20:00	<i>Festive Supper</i>

01.03.2023 Wednesday	
8:00	<i>Breakfast</i>
13:00	<i>Lunch</i>
15:00- -18:30	SESSION
15:00-15:50	Contrast-enhanced magneto-motive ultrasound for sentinel lymph node identification K. KACZMAREK, S. SJÖSTRAND, M. BACOU, A. THOMSON, T. JANSEN, S. MOUG, S. FARRINGTON, C. M. MORAN, H. MULVANA (invited lecture)
15:50-16:10	Ultrasound absorption and some rheological properties of 1-ethyl-3-methylimidazolium hydrogen sulfate ionic liquid P. GANCARZ, E. ZOREŃBSKI, M. SZCZĘCH
16:10-16:30	Fabrication, properties and applications of 1D microparticle structures K. KACZMAREK
16:30-17:00	<i>Coffee break</i>

17:00-17:30	Magnetic nanoparticles from nature - physical properties and possible applications in biomedicine and biotechnology P. KOPCANSKY
17:30-18:00	From magnetic adsorbents to magnetically responsive nanozymes I. SAFARIK, J. PROCHAZKOVA, E. BALDIKOVA, K. ZELENA POSPISKOVA, M. TIMKO, P. KOPCANSKY
18:00-18:30	The impact of alternating and rotating regimes on the heating characteristics of magnetic fluid M. TIMKO, M. MOLCAN, A. SKUMIEL, P. KOPCANSKY, I. SAFARIK
19:00-20:00	<i>Supper</i>
20:00	POSTER SESSION Salty carbon nanotubes S. BONCEL, R. G. JĘDRYSIAK, S. RUCZKA, K. STAŃCO
02.03.2023 Thursday	
8:00	<i>Breakfast</i>