

PROGRAMME OF THE 54TH WINTER SCHOOL ON WAVE AND QUANTUM ACOUSTICS

Szczyrk, 9 – 12 February 2026

9.02.2026 Monday	
13.30	<i>Lunch</i>
15.00 – 15.10	OPENING CEREMONY of the Conferences 54th WSWQA 53rd WSEAV 20th IOS 2026
15.10 – 16.20	20th Integrated Optics - Sensors, Sensing Structures and Methods JUBILEE SESSION
15.10 – 15.30	20th JUBILEE of IOS Conference Tadeusz Pustelny
15.30 – 16.00	<i>Plenary Lecture</i> Stabilization of laser frequency to atomic reference Wojciech Gawlik
16.00 – 16.20	<i>Plenary Lecture</i> Tunable photonic fiber microstructures enhanced with gold nanoparticle-doped liquid crystals Tomasz R. Woliński
16.20 – 17.00	<i>Coffee Break</i>
17.00 – 18.00	Jubilee of the 50th Anniversary of Scientific Research and Academic Activity and the 75th Birthday of Professor Tadeusz Pustelny (<i>in Polish</i>)
18.00 – 19.00	<i>Supper</i>
19.15 – 20.00	MUSIC GLANCE

10.02.2025 Tuesday	
7:00 – 10:00	<i>Breakfast</i>
13:00	<i>Lunch</i>
	SESSION
15:30 – 16:00	Q-factor Doubling in the Acoustoelectronic Sensors Measurements Michał Grabka, Krzysztof Jasek, Mateusz Pasternak
16:00 – 16:30	Investigation of SiNW Structures Response to Ammonia at Different Humidity Conditions Anna Kaźmierczak-Bałata, Wiesław Jakubik, Paulina Powroźnik, Muhammad Taha Sultan, Andrei Manolescu, Halldór Guðfinnur Svavarsson
16:30 – 17:00	<i>Coffee break</i>
17:00 – 17:30	The Effect of Water Molecules on the Propagation of SAW on a Free 128° Y-X Lithium Niobate Substrate with Masked IDTs Wiesław Jakubik, Hubert Szczotka, Cinzia Caliendo, Massimiliano Benetti, Domenico Cannata, Jarosław Wrotniak
17:30 – 18:00	SASERS - a Short Review Roman J. Bukowski
20:00	<i>Festive Supper</i>

11.02.2026 Wednesday	
7:00 – 10:00	<i>Breakfast</i>
13:00	<i>Lunch</i>
	SESSION
15:30 – 16:00 On-line	Stoneley Waves Propagation Through rot. YX-LiNbO₃/SU-8/Si Structures Massimiliano Benetti, Cinzia Caliendo, Domenico Cannatà
16:00 – 16:30 On-line	Thermal Lens Spectrometric Detection of Mn²⁺ in Aqueous Solutions Rim Zgueb, Dorota Korte
16:30 – 17:00	<i>Coffee break</i>
17:00 – 17:30	Numerical Analysis and New Formulas on Steady Step of a New SAW Structure with Disappeared Layer RR-P3HT in Detection DMMP Tomasz Hejczyk, Jarosław Wrotniak, Paulina Powroźnik, Wiesław Jakubik
19:00 – 20:00	<i>Supper</i>
20:00	POSTER SESSION

12.02.2026 Thursday	
7:00 – 10:00	<i>Breakfast</i>