

## 2026 PCAM SUMMER SCHOOL:

**Advanced materials for future technologies**

Date: 14 – 17 September 2026

Place: Warsaw University of Technology

The summer school is symposium Y of the E-MRS Fall meeting 2026

	<b>September 14 Monday</b>	<b>September 15 Tuesday</b>	<b>September 16 Wednesday</b>	<b>September 17 Thursday</b>
9:00-10:30	Case study for characterization of oxidation processes onto microscopic MoS <sub>2</sub> flakes <b>Prof. Robert Szoszkiewicz</b>	Synergies between Quantum and Power Technologies based on Wide Band Gap Materials <b>Dr. Antonino La Magna</b>	<b>E-MRS Plenary Session</b>	Nanopatterning 2D semiconducting layers <b>Prof. Francesco Buatier de Mongeot</b>
Coffee break				
11:00-12:30	Energy conversion with nanocrystals <b>Prof Jacek Stolarczyk</b>	Modification of electronic band structure and defects of metal oxides for photovoltaic applications <b>Ass. Prof. Chun Yuen Ho</b>	<b>E-MRS Plenary Session</b>	From Sunlight to Hydrogen: Advancing Solar Water Splitting with Transition Metal (Oxy)Nitrides <b>Assoc. Prof Mirabbos Hojamberdiev</b> ----- <b>PCAM meeting</b>
Lunch				
14:00-15:30	From spectra to temperature: machine learning for advanced luminescence thermometry <b>Dr. Liyan Ming</b>	<b>Industry session:</b> <b>1. STM</b> Microelectronics <b>2. ML System</b> <b>3. Discussion:</b> Use of AI in Industry: what do companies expect from new employees ?	Advances in Gas Sensing Technologies: Towards Miniaturized and Intelligent Electronic Nose Systems <b>Assoc.Prof. Roana de Oliveira Hansen</b>	<b>PCAM meeting, ctd.</b>
Coffee break				
16:00-17:30	<b>Poster session</b>	ZnO nano-tetrapods: from 1D growth mechanisms to functional applications <b>Simas Račkauskas</b>	<b>PhD Student Contributed Talks</b>	
from 18:00	<b>Evening Networking Dinner and Guided City Tour</b>	<b>Warsaw Pub Crawling</b>	<b>Conference Dinner</b>	

