



Instytut Automatyki i Robotyki (IAR)

Wydział Automatyki, Robotyki i Elektrotechniki, Politechnika Poznańska

Plan seminariów instytutowych (rok akademicki 2026/2027)

prowadzący: prof. dr hab. inż. Maciej Marcin Michałek

	Tytuł referatu	Prelegenci	Jednostka	Data	Sala	Godz.
1	Optimization of resources required to efficiently detect depth values from 3d image with customized vision system algorithm and implementation of artificial intelligence	mgr inż. Piotr Szablata	przemysł	21.10.2026	16	11:45
2	Design, modelling and control of a gripper and actuator made from magnetorheological elastomer	mgr inż. Paweł Czopek	IAR / Z1	28.10.2026	16	11:45
3	AI-based UAV remote monitoring of technological stress in winter crops	Dr. Alla Dundyk, Associate Prof.	NUBiP of UA	18.11.2026	16	11:45
4	Optimization of Deep Neural Network architectures for resource-constrained edge AI environments	mgr inż. Jakub Konopiński	IAR/Z2	02.12.2026	16	11:45
5	Imaging the Living Retina: From Fundus Photography to OCT and Beyond	prof. dr hab. n. med. Marcin Stopa	PUMS	09.12.2026	16	11:45
6	Spectrophotometric measurements of color test targets and precise high quality photographing of cultural heritage objects for archival purposes	dr inż. Marcin Dąbrowski	IAR/Z2	16.12.2026	16	11:45
7	Multimodal assessment of cataract progression in the human eye using artificial intelligence method	mgr inż. Alicja Ignatowicz	IAR/Z2	13.01.2027	16	11:45
8	Static and dynamic linearizations in control of multi-agent and nonholonomic systems	mgr inż. Mohammed Safarini	IAR/Z1	24.03.2027	16	11:45
9	Development of an effective localization and inertial data fusion method in a predictive tram driving assistance system	mgr inż. Kalina Zalewska	IAR/Z2	14.04.2027	16	11:45
10	Reliability analysis of modern DRAM-based memory systems	mgr inż. Jarosław Warmbier	IAR/Z1	21.04.2027	16	11:45
11	Pose estimation of deformable untethered magnetoactive objects under actuation of external magnetic field	mgr inż. Skarbimir Grabowski	IAR/Z1	05.05.2027	16	11:45
12	Robust methods of state estimation and control in a task space using vision feedback	mgr inż. Patryk Bartkowiak	IAR/Z1	12.05.2027	16	11:45
13	Off-track reduction for non-Standard N-Trailers along backward-followed paths	mgr inż. Mikołaj Przybyłski	IAR/Z1	19.05.2027	16	11:45
14	Optimization of control for a multi-rotor aerial vehicle with respect to energy consumption and trajectory tracking accuracy - design of an optimal autopilot and its simulation model	mgr inż. Monika Pawlak	IAR/Z1	02.06.2027	16	11:45

* prezentacja próbna przed obroną doktoratu

16 - sala posiedzeń Rady WARiE w budynku A-3

L123 - sala w budynku Centrum Wykładowego i Biblioteki PP

eM = eMeeting (seminarium zdalne poprzez system eMeeting)