

The Schedule of the PhD Presentations – 12th June 2025
NAME of the MS TEAMS GROUP: PPKE_ITK_PhD_Seminars

link to join directly: <https://teams.microsoft.com/l/meetup-join/19%3af0f2aff7e5b3475b8b83cda9794a3b8c%40thread.tacv2/1748617371741?context=%7b%22Tid%22%3a%22561724cf-6f70-4f2b-afec-30cc728f74bd%22%2c%22Oid%22%3a%2292591c31-0824-4d19-8f6f-8291b4c7d02b%22%7d>

Board of the Section I: Dr. Attila CSIKÁSZ-NAGY, Dr. Szabolcs KÁLI, Dr. Andrea CILIBERTO, Dr. Gábor SZEDERKÉNYI			
<i>Time</i>	<i>Name</i>	<i>Title</i>	<i>Supervisors</i>
9 ⁰⁰ -9 ²⁰	Giorgio TALLARICO	Increasing protein synthesis rates and ribosome content jointly set cell growth in budding yeast	Dr. Andrea CILIBERTO
9 ²⁰ -9 ⁴⁰	János SZALMA	Protein Embeddings for Target Prediction	Dr. Attila CSIKÁSZ-NAGY Dr. Erzsébet FICHÓ
9 ⁴⁰ -10 ⁰⁰	Gábor FARKAS	Investigation of the molecular mechanisms of postsynaptic plasticity using detailed, optimized computational models	Dr. Szabolcs KÁLI
10 ⁰⁰ -10 ¹⁰	Break (10 min)		
Board of the Section II: Dr. Kristóf IVÁN, Dr. András HORVÁTH, Dr. Luca WITTNER			
10 ¹⁰ -10 ³⁰	Nikolett Kitti DOBOS	Immune Marker and C-Reactive Protein Dynamics and Their Prognostic Implications in Modulated Electro-Hyperthermia Treatment in Advanced Pancreatic Cancer: A Retrospective Analysis	Dr. Tamás GARAY
10 ³⁰ -10 ⁵⁰	Borbála JAKAB	Ligand-induced conformational rearrangements in postsynaptic protein domains	Dr. Zoltán GÁSPÁRI
10 ⁵⁰ -11 ¹⁰	Nour Fazwy Ahmed Aly ESSAM	Population activity and Cellular firing in the human epileptic hippocampal formation, in-vitro	Dr. Lúcia WITTNER
11 ¹⁰ -11 ³⁰	Bence NÉMETH, MD	Comparative Evaluation of Hemispheric Cerebral Blood Flow Using MR Perfusion and Phase Contrast MRI in Ischemic Stroke Patients	Dr. András HORVÁTH
11 ³⁰ -11 ⁵⁰	Dániel KRIZSÁN	Phage Sequence Identification Benchmarking in a High-Performance Computing Cluster Environment	Dr. Balázs LIGETI
11 ⁵⁰ -12 ¹⁰	Máté KÁLOVICS	Integrated Microfluidic-Microwave Sensors	Dr. Kristóf IVÁN Dr. Zsolt SZABÓ
12 ¹⁰ -13 ⁰⁰	Lunch		
Board of the Section III: Dr. Miklós KOLLER, Dr. Gábor SZEDERKÉNYI, Dr. Péter SZOLGAY			
13 ⁰⁰ -13 ²⁰	Marcell KÉGL	Extrinsic Calibration of Multi-modal Sensor Systems Using Deep Learning	Dr. Csaba BENEDEK
13 ²⁰ -13 ⁴⁰	Vilmos MADARAS	A machine learning framework for evaluation of brain MRI harmonization performance	Dr. Csaba BENEDEK
13 ⁴⁰ -14 ⁰⁰	Dávid SOMOGYI	Torque Control of Synchronous Motors Using Feedback Linearization	Dr. Gábor SZEDERKÉNYI
14 ⁰⁰ -14 ²⁰	Zsolt ROBOTKA	Handshape Control in Diffusion Models for Sign Language Synthesis	Dr. György CSEREY Dr. Ádám RÁK
14 ²⁰ -14 ³⁰	Break (10 min)		
Board of the Section IV: Dr. Ágoston Csaba HORVÁTH, Dr. Miklós KOLLER, Dr. Gábor SZEDERKÉNYI, Dr. Péter SZOLGAY			
14 ³⁰ -14 ⁵⁰	Tamás István KOVÁCS	Spin Waves as Computational Tools for Signal Processing: Convolution	Dr. György CSABA
14 ⁵⁰ -15 ¹⁰	Mitra MOAYED	Pattern Classification Using Competitive Oscillator Networks	Dr. György CSABA
15 ¹⁰ -15 ³⁰	Kristóf MÜLLER	Applied Deep Learning Techniques in Fetal Phonocardiography	Dr. Miklós KOLLER
15 ³⁰ -15 ⁵⁰	Katalin SCHAFFER	Sensor Integration and Improved Control for an fPAM-Based Soft Wrist Exosuit	Dr. Miklós KOLLER
15 ⁵⁰ -16 ¹⁰	Lóránt Szabolcs DAUBNER	Distant Object Recognition and Tracking Methods for UAVs	Dr. Kálmán TORNAI Dr. Tamás ZSEDROVITS