	Board of the Section I: Dr. Franciska ERDŐ, Dr. Attila CSIKÁSZ-NAGY, Dr. Andrea CILIBERTO		
Time	**Name**	**Title**	**Supervisors**
9^{00}-9^{20}	Camilla CANCRINI	What is the effect of population size on adaptative aneuploidy?	Dr. Andrea CILIBERTO
9^{20}-9^{40}	Valentina GUARINO	A 2-state phenomenological model quantifies budding yeast cell-cycle arrest and re-entry dynamics	Dr. Andrea CILIBERTO
9^{40}-10^{00}	Giorgio TALLARICO	A step towards understanding cell growth in eukaryotes	Dr. Andrea CILIBERTO
10^{00}-10^{10}	**Break (10 min)**		
	Board of the Section II: Dr. Franciska ERDŐ, Dr. Attila CSIKÁSZ-NAGY, Dr. Andrea CILIBERTO		
Time	**Name**	**Title**	**Supervisors**
10^{10}-10^{30}	János SZALMA	Drug-Target Interaction Prediction using Deep Learning	Dr. Attila CSIKÁSZ-NAGY Dr. Erzsébet FICHÓ
10^{30}-10^{50}	Bence Tamás GAIZER	A cellular automaton approach to simulate the growth of yeast cell colonies	Dr. Attila CSIKÁSZ-NAGY Dr. János JUHÁSZ
10^{50}-11^{10}	Gréta Lilla BÁNYAI	Exploring the correlation between migration parameters and cell characteristics	Dr. Tamás GARAY
11^{10}-11^{30}	Gábor FARKAS	The possible molecular mechanisms shaping postsynaptic long-term potentiation governed by the ratio of different AMPA receptor subunits	Dr. Szabolcs KÁLI
11^{30}-11^{50}	Martin János BLAZSEK	Methods for investigating the mechanisms underlying novel hippocampal spatial representations in calcium imaging experiments	Dr. Judit MAKARA Dr. Balázs Benedek UJFALUSSY
11^{50}-12^{10}	Boldizsár Zsolt BALOG	Advanced analysis of fiberphotmetry for neuroscience research	Dr. György CSEREY Dr. Gábor NYÍRI
12^{10}-13^{00}	**Lunch**		
	Board of the Section III: Dr. György CSEREY, Dr. Gábor SZEDERKÉNYI, Dr. István ULBERT,		
Time	**Name**	**Title**	**Supervisors**
13^{00}-13^{20}	Brigitta UNGVÁRI	Relationship between certain characteristics of visual perception and cognition in psychiatric disorders	Dr. György CSEREY Dr. Katalin CSIGÓ
13^{20}-13^{40}	Gábor NAGY	Exploration of Kayaker Performance via Integrated Electromyography	Dr. György CSEREY Dr. László GRAND
13^{40}-14^{00}	Gréta PATAKI	Spatio-temporal event detection of normal and multipolar mitosis in medical image flows	Dr. György CSEREY
14^{00}-14^{20}	András ADOLF	Dependence of BCI performance on preprocessing steps	Dr. István ULBERT
14^{20}-14^{40}	Ábel PETIK	Comprehensive account of cortical functional architecture in the cat visual cortex	Dr. István ULBERT Dr. Dániel HILLIER
14^{40}-15^{00}	Amelita FODOR	Complete and Incomplete spinal cord injured patients' cardiac response to functional electrical stimulation driven cycling	Dr. József LACZKÓ
15^{00}-15^{20}	Balázs RADELECZKI	Biomechanical changes in gait of incomplete spinal cord injured patients after FES cycling therapy	Dr. József LACZKÓ
15^{20}-15^{40}	Bence NÉMETH, MD	Quantitative Image Analysis in Assesmnent of Brain Tumor Treatments	Dr. András HORVÁTH

The Schedule of the PhD Presentations – 14ᵗʰ June 2024
NAME of the MS TEAMS GROUP: PPKE_ITK_PhD_Seminars

link to join directly: https://teams.microsoft.com/l/meetup-join/19%3af0f2aff7e5b3475b8b83cda9794a3b8c%40thread.tacv2/1655125072239?context=%7b%22Tid%22%3a%22561724cf-6f70-4f2b-afec-30cc728f74bd%22%2c%22Oid%22%3a%22d2764a29-771d-4c2a-8fbd-c1943aa29536%22%7d

		Board of the Section I : Dr. Csaba BENEDEK, Dr. Gábor SZEDERKÉNYI, Dr. Péter SZOLGAY	
Time	*Name*	*Title*	*Supervisors*
9⁰⁰-9²⁰	Mary GUINDY	QoE for light field visualization	Dr. Péter SZOLGAY Dr Vamsi Kiran ADHIKARLA
9²⁰-9⁴⁰	Gergely HORVÁTH	Structural identifiability of delayed dynamical systems with approximation	Dr. Gábor SZEDERKÉNYI
9⁴⁰-10⁰⁰	Imre Gergely JÁNOKI	Researching the physiological effects of the morphology of umbilical cord	Dr. Péter FÖLDESY
10⁰⁰-10²⁰	**Break (20 min)**		
		Board of the Section II: Dr. Csaba BENEDEK, Dr. Gábor SZEDERKÉNYI, Dr. Péter SZOLGAY	
Time	*Name*	*Title*	*Supervisors*
10²⁰-10⁴⁰	Viktor KÖRTVÉLYESI	Outdoor Vehicle in the Loop framework for UAVs	Dr. Ákos ZARÁNDY Dr. Antal HIBA
10⁴⁰-11⁰⁰	József KÖVENDI	3D object completion methods in indoor environment	Dr. Csaba BENEDEK
11⁰⁰-11²⁰	Balázs PÁLFFY	Environment interpretation from Lidar point clouds	Dr. Csaba BENEDEK
11²⁰-11⁴⁰	**Discussion**		
11⁴⁰-12³⁰	**Lunch**		
Time	*Name*	*Title*	*Supervisors*
12³⁰-12⁴⁰	Dr. Miklós GYÖNGY	Examination of skin cancers and other skin lesions using a portable multimodal imaging device*	–
12⁴⁰-12⁵⁰	Attila PINTÉR	AI-Based Automated Karyotyping System*	–
12⁵⁰-13⁰⁰	Dr. Sándor FÖLDI	An emulated elastic actuator based soft-robotic exoskeleton for habilitation and rehabilitation*	–
13⁰⁰-13¹⁰	Tamás Roland ENDREI	Learning to Suppress Tremors: A Deep Reinforcement Learning-Enabled Soft Exoskeleton for Parkinson's Patients*	–
13¹⁰-13²⁰	Dr. Miklós KOLLER	Research and development of bio-inspired, adaptive robotic limb systems*	–
13²⁰-13³⁰	Dr. Zoltán GÁSPÁRI	Is there a silver bullet in NMR structure determination of proteins?*	–
13³⁰-13⁴⁰	Dr. Gábor TORNAI	Machine learning models for protein NMR data processing and understanding*	–
13⁴⁰-14⁰⁰	**Break (20 min)**		
14⁰⁰-14¹⁰	Dr. Balázs LIGETI	Nanopore Technology Development for Improved Diagnostic Applications*	–
14¹⁰-14²⁰	Dr. Bálint Ferenc PÉTERFIA	Experimental investigation of a key element of autism, the disordered segment of the Shank3 protein*	–
14²⁰-14³⁰	András László SZABÓ	Applied Microfluidics*	Dr. Zoltán GÁSPÁRI
14³⁰-14⁴⁰	András ESZES	Design of a 2D, high performance Van Atta array*	Dr. Zsolt SZABÓ
14⁴⁰-14⁵⁰	Lóránt Szabolcs DAUBNER	Improving Open Set Recognition (OSR) with an approach based on MVL and Transformers*	Dr. Tamás ZSEDROVITS Dr. Kálmán TORNAI
14⁵⁰-15⁰⁰	Dániel HAJTÓ	SONATA - Sustainable Computing and Communication at the Edge*	Dr. György CSEREY
15⁰⁰-15¹⁰	Dr. Ádám RÁK	High-Precision, 10ns, FPGA-Based Time-to-Digital Converter with Integrated Calibration Signal Generator*	–

*Summaries: https://docs.google.com/spreadsheets/d/1VzxUg62jOFL3K8VRVAYV5LEHuFBq5zd8L7MQj-nVtG8/edit?usp=sharing