

**International Mechatronic Students micro-Conference - 2019****Program**

09:00 – 10:00	<b>Registration</b>		Lobby of BGK,
	<i>During the registration the presentations should be copied to the Laptops to be used for presentations (or you can use own Laptop). Conference laptops using Microsoft Office 10 and Win10 SW- package</i>		
10:00 – 10:10	<b>Welcome speech</b> <b>Conference Committee, István Nagy</b>		3 <sup>rd</sup> .Fl. Room 310
10:10 – 10:30	<b>Plenary Session</b> Session Chair: <b>István Nagy</b>		3 <sup>rd</sup> .Fl. Room 310
	<b>István Nagy: Mechatronic Teaching at Óbuda University</b>		
	<b>10:30 – 10:40 Morning Coffee Break</b>		
	<b>Parallel Session #1 – Mechatronics - Robotics</b>		
	Session Chair: <b>István Nagy</b>		
10:40 – 10:55	1	<b>Tseke Morewana Bauba John: Robots in Space Exploring</b>	3 <sup>rd</sup> .Fl. Room 310
10:55 – 11:10	2	<b>Naveed Raja Gohar: Intelligent Robots &amp; Artificial Intelligence</b>	
11:10 – 11:25	3	<b>D. Damdinpurev; B. Namnansuren: Augmented Virtual Reality &amp; Brain Computer Interface</b>	
11:25 – 11:40	4	<b>Erik Vida: Artificial Intelligence</b>	
11:40 – 11:55	5	<b>M. Nierengarten; A.A.Algarab Imerir: System Control of Door Lock &amp; Security</b>	
11:55 – 12:10	6	<b>Pascal Gerner: Definition and Application Possibilities of Collaborative Robotics</b>	
	<b>Parallel Session #2 - Mechatronics – Intelligent Systems</b>		
	Session Chair: <b>Edit Tóth-Laufer</b>		
10:40 – 10:55	1	<b>Yernar Kenzhetayev: Fuzzy &amp; Neural Network Control Systems</b>	3 <sup>rd</sup> .Fl. Room 305
10:55 – 11:10	2	<b>Panna Várbíró; M. Szakálos: Neural Networks: A Basic Introduction</b>	
11:10 – 11:25	3	<b>O.Szegedi; E. Negro-Dóri: Brain Interfacing</b>	
11:25 – 11:40	4	<b>T. Kalkabekova: Analysis of Clustering Methods &amp; Modelling a Clustering Data Network with the Help of MatLab</b>	
11:40 – 11:55	5	<b>V. Yüksel: An Adaptive User Interface Design Based on Artificial Neural Networks</b>	
11:55 – 12:10	6	<b>T. Khawatmi: Machine Vision applications in Robotics</b>	
	<b>Parallel Session #3 – Mechatronic - Systems</b>		
	Session Chair: <b>Judit Lukács</b>		
10:40 – 10:55	1	<b>L. Tóth: Mechatronics in Industry</b>	3 <sup>rd</sup> .Fl. Room 306
10:55 – 11:10	2	<b>A.A. Mustafa: The World of Electric Cars</b>	
11:10 – 11:25	3	<b>R. Persyn; S. Gernaey: Inverted Linear Pendulum</b>	
11:25 – 11:40	4	<b>S. Abdulsalam; M. dos S. E. Alberto: Industrial Wireless Communication</b>	
11:40 – 11:55	5	<b>J. Stender; P. Leimke: The Brushless DC Motor – Operating Principle &amp; Applications</b>	
11:55 – 12:10	6	<b>X. Junqin; A. Baatarshuk: Mechatronic Application of Logistic</b>	
	<b>12:10 – 12:40 Lunch Break</b>		
12:40 – 13:00	<b>Awarding the best presenters!</b>		3 <sup>rd</sup> .Fl. Room 310
	<b>Conference Closing</b>		