

Conference Agenda

“Aurel Vlaicu” University of Arad, Faculty of Exact Sciences
Str. Elena Drăgoi, nr. 2, 310330 Arad, Complex M
Zoom Platform

Thursday, 18.11.2021		
UTC -Time	RO -Time	
06:00 – 07:15	08:00 - 9:15	Registration
07:15 – 07:45	09:15 - 09:40	StudMath-IT 2021 Opening Ceremony
07:40 – 08:00	09:40 – 09:50	Coffee Break
07:50 – 08:20	09:50 – 10:20	Plenary Presentation
08:20 – 08:30	10:20 - 10:30	Coffee Break
08:30 – 10:50	10:30 – 12:50	Corporate Presentation
10:50 – 12:00	12:50 – 14:00	Lunch Break
12:00 – 14:20	14:00 - 16:00	Parallel Sessions – Papers Presentation
12:00 – 14:00	14:00 - 16:00	Parallel Sessions – Papers Presentation
12:00 – 14:00	14:00 - 16:00	Parallel Sessions – Papers Presentation
		Workshop – TOASTMASTERS
16:30 – 17:30	18:30 – 19:30	Limited number of participants. Please contact the organizers
Friday, 19.11.2021		
07:00 – 09:00	09:00 - 11:00	Workshop on “Scientific Writing” Limited number of participants. Please contact the organizers

StudMath-IT 2021 Student Conference Detailed Program

Thursday, 18.11.2021

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06:00 – 07:15	08:00 - 9:15	Registration	
07:15 – 07:45	09:15 - 09:40	StudMath-IT 2021 Opening Ceremony	
07:40 – 08:00	09:40 – 09:50	Coffee Break	
07:50 – 08:20	09:50 – 10:20	Plenary Presentation From Einstein, Dirac, Heisenberg,... to Quantum Computing <i>Prof. Adrian Palcu, PhD.</i>	
08:20 – 08:30	10:20 - 10:30	Coffee Break	
UTC 08:30 – 13:10	RO 10:30 - 12:30	Corporate Presentation Chair - Assoc. Prof. Crina Anina Bejan, PhD	
08:30	10:30		BAUM Engineering <i>Cătălin Adrian Popovici and Tudor Bogdan Goşa</i>
08:50	10:50		FinProm <i>Alexandra Oltean</i>
09:10	11:10		IBM Romania <i>Iasmina Boldea and Daniel Kostyal</i>
09:30	11:30		AROBS – Transilvania Software <i>Alexandra Bora and Srgian Danity</i>
09:50	11:50		SSI SCHAEFER <i>Raluca Dragomir</i>
10:10	12:10		Lasting Software <i>Daniela Armulescu</i>
10:30	12:30		TECHNOMED GROUP <i>Sferdian Mircea</i>
10:50 – 12:00	12:50 - 14:00	Lunch Break	

UTC 12:15 – 13:10	RO 14:00 - 16:00	Parallel Sessions – Papers Presentation Chair - Prof. Dominic Bucerzan, PhD and Prof. Gheorghe Căpățână, PhD
12:00	14:00	ELABORATION OF THE GRAPH TYPE DATABASE FOR THE ANALYSIS OF BIOLOGICAL DATA <i>Ion Ganea</i>
12:20	14:20	IMAGE PROCESSING - A MATHEMATICAL PERSPECTIVE <i>Rajat Rai, Shreya Katole and Tanvi Patil</i>
12:40	14:40	GRAPH NEURAL NETWORK - AN EFFECTIVE FRAMEWORK FOR NEURAL NETWORK <i>Utkarsha Chaudhari, Nihar Pasi and Shivam Modhave</i>
13:00	15:00	CONDITIONAL EMPIRICAL PROCESS INVOLVING FUNCTIONAL DATA <i>Souddi Youssouf</i>
13:20	15:20	EVADING THE CHIP SHORTAGE - HANDLING SECURE CRYPTOGRAPHIC TOKENS USING CONSUMER-GRADE MICRO-CONTROLLERS <i>Alexandru Kiraly</i>
13:40	15:40	ARTIFICIAL INTELLIGENCE IN MEDICINE <i>Patcas Rares</i>
14:00	16:00	HUMAN TRACKING AND PROFILING FOR RISK MANAGEMENT <i>Anuj Shashimal, Vishaka Subasith, Thillini Jayasekara and Lahiru Rathnasooriya</i>
UTC 12:00 – 14:00	RO 14:00 – 16:00	Parallel Sessions – Papers Presentation Chair - Prof. Codruța Stoica, PhD
12:00	14:00	A FIXED POINT APPROACH FOR THE SEMI-LINEAR STOKES SYSTEM FROM FLUID MECHANICS <i>David Brumar</i>
12:20	14:20	A CLASSIFICATION OF GROUPS OF ORDER pq^2 <i>Cristian-Aurel Rafiliu</i>
12:40	14:40	APPLICATIONS OF PARTIAL DERIVATIVES OF COMPOSITE FUNCTIONS OF SEVERAL REAL VARIABLES <i>Alexandra Nicoleta Dagău and Paula Ioana Barna</i>
13:00	15:00	ON DIFFERENTIAL EQUATIONS INVOLVED IN THE STUDY OF SCIENTIFIC PROCESSES <i>Pavel Paun</i>
13:20	15:20	APPROACHING REAL PHENOMENA THROUGH DIFFERENTIAL EQUATIONS <i>Mihaela Sterp</i>
13:40	15:40	CYCLOIDAL CURVES <i>Alexandra Florea</i>

UTC 10:15 – 13:10	RO 14:00 - 16:00	Parallel Sessions – Papers Presentation Chair - Lect. Simon Cowel, PhD
12:00	14:00	DECREASING MONOMIAL CODES <i>Andreea Szocs</i>
12:20	14:20	ON THE FINITE SUBGROUPS OF PGL₂(C) <i>Alexandru-David Abrudan</i>
12:40	14:40	REMARKS RELATED TO THE ROTATION SURFACES <i>Paula Ioana Barna and Alexandra Nicoleta Dagău</i>
13:00	15:00	ITERATIVE SHEPARD OPERATOR OF LEAST SQUARES THIN-PLATE SPLINE TYPE <i>Andra Malina</i>
13:20	15:20	ON STARLIKE UNIVALENT MAPPINGS IN ONE AND SEVERAL COMPLEX VARIABLES <i>Eduard Stefan Grigoriuc</i>
16:30 – 17:30	18:30 – 19:30	Workshop – TOASTMASTERS in collaboration with LSUAV Arad