MICOM 2018 PROGRAMME, Nicosia, Cyprus

Tuesday, 18 September 2018	
All day	**Arrivals**
17:00 – 20:00	**Registration** Location: Hilton Cyprus Hotel, Foyer of Ballroom B.
Wednesday, 19 September 2018	
11:00 – 17:00	**Registration** Location: Hilton Cyprus Hotel, Foyer of Ballrooms B.
Rooms	**BALLROOM B**
Coordinators	**A. Skotinos, A. Savvides**
12:00 – 12:20	**PRIMARY SCHOOL TEACHERS' RELATED BARRIERS PERCEIVED TO HINDER TEACHING AND LEARNING OF THE GIFTED LEARNERS IN INCLUSIVE CLASSROOMS** Motshidisi Gertrude Van Wyk, Central University of Technology, Free State, South Africa Michael Kainose Mhlolo, Central University of Technology, Free State, South Africa
12:20 – 12:40	**CHALLENGES ENCOUNTERED BY INTERMEDIATE PHASE EDUCATORS IN IMPLEMENTING INCLUSIVE EDUCATION WITH SPECIFIC REFERENCE TO MATHEMATICALLY GIFTED LEARNERS IN UMLAZI DISTRICT SCHOOLS IN KWAZULU-NATAL** Jeanette Ntoatsabone, Central University of Technology, Free State, South Africa
12:40 – 13:00	**E- DEBATE – A NEW APPROACH IN INCREASING MOTIVATION FOR LEARNING MATHEMATICS TROUGH DEBATE** Tatjana Atanasova Pachemska, Goce Delcev State University, FYR-Macedonia Gregory Makrides, Cyprus Mathematical Society, Cyprus Zoran Trifunov, Union of researchers of Macedonia, FYR-Macedonia Limonka Koceva Lazarova, Goce Delcev State University, FYR-Macedonia Marija Miteva, Goce Delcev State University, FYR-Macedonia Biljana Jolevska Tuneska, Union of researchers of Macedonia, FYR-Macedonia
13:00 – 13:20	**THE MATHGAMES METHODOLOGY** Andreas Skotinos, Vice-president of the Cyprus Mathematical Society Gregory Makrides, President of the Cyprus Mathematical Society
13:30 – 15:30	**Lunch Break**
15:30 – 16:30	Free time

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Wednesday, 19 September 2018	
Room	**BALLROOM B**
16:30 – 17:00	**Welcome reception**
17:00 – 19:00	**OPENING CEREMONY** **Invited Plenary Speech : JAMES BOND'S MOST SECRET WEAPON** **Professor Franck Leprevost, University of Luxembourg, Luxembourg**
19.30	**Official Dinner of MICOM 2018**
Thursday, 20 September 2018	
09:00 – 17:00	**Registration:** Location: Hilton Cyprus Hotel, Foyer of Ballroom B.
Room	**BALLROOM B**
Coordinators	**S. Loizias, A. Savvides**
9:50 – 10:10	**SOLVING MINIMUM SPANNING TREE PROBLEMS WITH CAPACITIES AND ARC TIME WINDOWS** Manolis Kritikos, Athens University of Economics and Business, Greece George Ioannou, Athens University of Economics and Business, Greece
10:10 – 10:30	**EFFECTS OF VARIABLE PERMEABILITY AND DIFFUSIVITY ON NATURAL CONVECTION IN A FINITE PERMEABLE ENCLOSURE** Pallath Chandran, Sultan Qaboos University, Oman Nirmal C. Sacheti, Sultan Qaboos University, Oman A.K. Singh, Banaras Hindu University, India B.S. Bhadauria, Banaras Hindu University, India
10:30 – 10:50	**TWO-DIMENSIONAL LAMINAR INCOMPRESSIBLE BOUNDARY LAYER FLOWS OF A CLASS OF PSEUDOPLASTIC FLUIDS** Nirmal C. Sacheti, Sultan Qaboos University, Oman Pallath Chandran, Sultan Qaboos University, Oman Tayfour El Bashir, Sultan Qaboos University, Oman
10:50 – 11:10	**MODELING NON-LINEAR AND DELAYED EFFECTS OF TEMPERATURE ON MORTALITY COUNTS** Haritini Tsangari, University of Nicosia, Cyprus
11:10 – 11:30	**OPTIMAL ANALYTICITY ESTIMATES FOR NON-LINEAR EQUATIONS** Yiorgos-Sokratis Smyrlis, Department of Mathematics and Statistics, University of Cyprus
11:30 – 12:00	**Coffee Break**

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Thursday, 20 September 2018	
Room	**BALLROOM B**
Coordinators	**S. Loizias, A. Savvides**
12:00 – 12:20	**A CLUSTERING SOLUTION APPROACH FOR THE CAPACITATED LOCATION ROUTING PROBLEM** Theocharis Metzidakis, Athens University of Economics and Business, Greece Panagiotis Repoussis, Stevens Institute of Technology, USA Manolis Kritikos, Athens University of Economics and Business, Greece George Ioannou, Athens University of Economics and Business, Greece
12:20 – 12:40	**ELEMENTARY SCHOOL PRINCIPALS' PERCEPTIONS ABOUT INCLUSIVE EDUCATION WITH SPECIFIC REFERENCE TO GIFTEDNESS** Michael Kainose Mhlolo, Central University of Technology – Free State, South Africa Gertrude van Wyk, Central University of Technology – Free State, South Africa
12:40 – 13:00	**TECHNIQUES USED BY TEACHERS TO CHALLENGE GIFTED LEARNERS IN MATHEMATICS CLASSROOMS IN SOME SELECTED SECONDARY SCHOOLS IN THABA-NCHU, MOTHEO DISTRICT** Mohokare Dimakatso Agnes, Central University of Technology – Free State, South Africa Mike Mhlolo, Central University of Technology - Free State, South Africa
13:00 – 15:00	**Lunch Break**
Coordinators	**A. Philippou, C. Papagiannis**
15:00 – 15:20	**DEVELOPING LEARNING TASKS WITH THE USE OF DYNAMIC GEOMETRY ENVIRONMENTS (DGES) IN GREEK PRIMARY SCHOOLS** Emmanouil Skordialos, PhD Student, Faculty of Primary Education, National and Kapodistrian University of Athens, Greece Georgios Baralis, National and Kapodistrian University of Athens, Greece Nicholas Zaranis, University of Crete, Greece
15:20 – 15:40	**CAREER GUIDANCE STRATEGIES TO CURB GIFTED LEARNER DROPOUT IN BLOEMFONTEIN** Michael Kainose Mhlolo, Central University of Technology- Free State, South Africa Mpho Felicia Avontuur, Central University of Technology- Free State, South Africa
15:40 – 16:00	**NUMERACY FOR DESIGN AND STUDIO ART STUDENTS** Lebogang Nthejane, Central University of Technology, Free State, South Africa Mike Mhlolo, Central University of Technology, Free State, South Africa
16.00 – 16.20	**Coffee break**

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Thursday, 20 September 2018	
Room	**BALLROOM B**
Coordinators	**A. Philippou, C. Papagiannis**
16:20 – 16:40	**STRATEGIES OF PRIMARY SCHOOL TEACHERS TOWARD MATHEMATICALLY GIFTED LEARNERS IN AN INCLUSIVE CLASSROOM IN XHARIEP DISTRICT OF FREE STATE PROVINCE** Motshidisi Gertrude Van Wyk, MSc student, Central University of Technology, Free State, South Africa
16:40 – 17:00	**THE APPROACH TEACHERS CAN USE TO IDENTIFY GIFTED LEARNERS IN MATHEMATICALLY MIXED ABILITY CLASSROOM TO MEET THEIR LEARNING NEEDS IN MANGAUNG PRIMARY SCHOOLS, MOTHEO DISTRICT** Thandeka Magwa, Central University of Technology, Free State, South Africa Mike Kainose Mhlolo, Central University of Technology, Free State, South Africa
17:00 – 17:20	**HIGH SCHOOL TEACHERS' ATTITUDES TOWARDS MATHEMATICALLY GIFTED LEARNERS** Jack Mathoga Marumo, Central University of Technology, Free State, South Africa Michael K Mhlolo, Central University of Technology, Free State, South Africa
Friday, 21 September 2018	
Room	**BALLROOM B**
Coordinators	**A. Philippou, V. Gogovska**
10:30 – 10:50	**THE EVOLUTION OF EDUCATION FROM EDUCATION 1.0 TO EDUCATION 4.0 : IS IT AN EVOLUTION OR A REVOLUTION?** Gregoris A. Makrides, Professor of Mathematics, President of the Cyprus Mathematical Society, President of the Mathematical Society of South-Eastern Europe, President of the THALES Foundation, President of the European Association of ERASMUS Coordinators, President of the European Association of Career Guidance
10:50 – 11:10	**DISCRETE ANALOGUES OF CONTINUOUS BIVARIATE PROBABILITY DISTRIBUTIONS** Alessandro Barbiero, Universita degli Studi di Milano, Italy
11:10 – 11:30	**PETROVIC'S POLYGON: ANOTHER APPLICATION OF NEWTON'S POLYGON** Aleksandar T. Lipkovski,University of Belgrade, Serbia
11:30 – 12:00	**Coffee Break**

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Friday, 21 September 2018	
Room	**BALLROOM B**
Coordinators	**D. Christofides, A. Philippou**
12:00 – 12:20	**EHRLICH-LIKE ACCELERATED METHODS WITH JARRATT'S CORRECTION FOR THE SIMULTANEOUS APPROXIMATION OF POLYNOMIAL ZEROS** Roselaine Neves Machado, Federal Institute of Rio Grande do Sul, Brazil Luiz Guerreiro Lopes, University of Madeira, Portugal
12:20 – 12:40	**POISSON BRACKETS AFTER JACOBI AND PLUCKER** Pantelis Damianou, University of Cyprus, Cyprus
12:40 – 13:00	**THE ASYMPTOTIC COMPLEXITY OF MATRIX REDUCTION OVER FINITE FIELDS** Demetris Christofides, UCLan Cyprus, Cyprus
13.00 – 13.20	**TWO USEFUL PRINCIPLES FOR IMPROVING THE THINKING PROCESS DURING SOLVING PROCESS** Valentina Gogovska, University "Ss. Cyril and Methodius", Fyr of Macedonia
Saturday, 22 September 2018	
10.00 – 13.00 Optional Visit to the Archaeological Museum (for free entrance tickets register at the Registration desk by 20 September) Pick-up of free ticket at the entrance of the Museum at 10.00 a.m.	
Sunday, 23 September 2018	
Departures	