

Wednesday

09:00	Opening by the Rector of Gebze Technical University	
09:30	Dorian Florescu and Matthew England. Improved cross-validation for classifiers that make algorithmic choices to minimise runtime without compromising output correctness	T4
10:00	Luca Carlini, Nihat Ay and Christiane Görgen. A numerical efficiency analysis of a common ancestor condition	
10:15	Türkü Özlüm Çelik, Asgar Jamneshan, Guido Montúfar, Bernd Sturmfels and Lorenzo Venturello. Optimal Transport to a Variety	
10:45	Break	
11:00	Agnes Szanto. Symbolic-Numeric Certification of Overdetermined and Singular Polynomial Systems	
12:00	Lunch	
13:00	Tulay Ayyildiz Akoglu and Agnes Szanto. Certified Hermite Matrices from Approximate Roots - Univariate Case	T1
13:15	Yosuke Sato, Hiroshi Sekigawa, Ryoya Fukasaku and Katsusuke Nabeshima. On Parametric Border Bases	
13:30	Manuel Radons. Generalized Perron Roots and Solvability of the Absolute Value Equation	
14:00	Sény Diatta, Guillaume Moroz and Marc Pouget. Reliable Computation of the Singularities of the Projection in $\mathbb{R}^3$ of a Generic Surface of $\mathbb{R}^4$ .	
14:30	Viviane Ledoux and Guillaume Moroz. Evaluation of Chebyshev polynomials on intervals and application to root finding	
14:45	Jakob Ablinger. Proving two conjectural series for $\zeta(7)$ and discovering more series for $\zeta(7)$ .	
15:00	Break	
15:30	Ali Uncu. On a weighted spin of the Lebesgue Identity	
16:00	Yasemin Büyükçolak, Didem Gözüpek and Sibel Özkan. Edge-Critical Equimatchable Bipartite Graphs	T3
16:15	Nour Alnajjarine and Michel Lavrauw. Determining the rank of tensors in $F_q^2 \otimes F_q^3 \otimes F_q^3$	T2
16:30	Fatma Nur Esirci and Alp Arslan Bayrakçi. Acceleration of Spatial Correlation Based Hardware Trojan Detection Using Shared Grids Ratio	
17:00	Metin Evrim Ulu and Murat Cenk. A Parallel GPU Implementation of SWIFFTX	T4
17:30	Break	
17:45	Haoliang Zhang, Hongbo Xu, Jing Ya, Jinqiao Shi and Tingwen Liu. SFV-CNN: Deep Text Sentiment Classification with Scenario Feature Representation	
18:15	Muhammad Zubair Islam, Kashif Mehmood and Hyung Seok Kim. Reinforcement Learning Based Interactive Agent for Personalized Mathematical Skill Enhancement	
18:45	Sahin Isik and Kemal Özkan. Common Vector Approach Based Image Gradients Computation for Edge Detection	
19:15		
19:30	Shuttle	

Thursday

09:00	Lama Tarsissi and Laurent Vuillon. Second order balance property on Christoffel words	T3
09:30	Michael Wagner, Ludwig Kempel and Dimitris E. Simos. IPO-Q: A Quantum-inspired Approach to the IPO Strategy used in CA generation	
10:00	Taha Sevim, Muhammet Selcuk Guvel and Lale Ozkahya. A Fast Counting Method for 6-motifs with Low Connectivity	
10:30	Petter Restadh and Per Alexandersson. LaserTank is NP-complete	
10:45	Break	
11:00	Matthias Beck. Quasipolynomials in Discrete Geometry and Combinatorial Commutative Algebra	
12:00	Lunch	
13:00	Katsusuke Nabeshima and Shinichi Tajima. Generalized integral dependence relations	T1
13:30	Alexander Levin. Hilbert-type dimension polynomials of intermediate difference-differential field extensions	
14:00	Marmaray	
15:00		

Hagia Sofia, Basilica Sistern

18:00	Bosphorus Tour
20:00	Dinner

Friday

09:00	Mijail Borges-Quintana, M. Angel Borges-Trenard, Edgar Martinez-Moro and Gustavo Torres-Guerrero. Computing an invariant of a linear code	T2
09:30	Sanyam Mehta and Vishal Saraswat. Generalized Secret Sharing Schemes using $N\mu$ MDS Codes	
10:00	Hamdi Murat Yıldırım. Exploiting Linearity of Modular Multiplication	
10:30	Ana C. Camargos Couto, Marc Moreno Maza, David J. Jeffrey, David Linder and R Corless. Comprehensive LU factors of polynomial matrices	T1
10:45	Break	
11:00	Georg Fuchsbauer. Zero knowledge on the blockchain	
12:00	Lunch	
13:00	Angelos Mantzaflaris. An overview of Geometry plus Simulation Modules	SW
13:15	Antonio Jimenez-Pastor. DD-finite functions implemented in Sage	
13:30	Ilias Kotsireas. Maple talk	
14:00	Break	
14:15	Victor Y. Pan, Qi Luan, John Svadlenka and Liang Zhao. Sublinear Cost Low Rank Approximation via Subspace Sampling	T1
14:45	Victor Y. Pan. Accurate Low Rank Cross-Approximation of a Matrix at Sublinear Cost	
15:15	Rémi Imbach and Victor Y. Pan. New practical advances in polynomial root clustering	
15:45	Break	
16:00	Chenqi Mou and Jiahua Lai. On the Chordality of Simple Decomposition in Top-Down Style	T1
16:30	Tudor Jebelean and Isabela Dramnesc. Automatic Synthesis of Merging and Inserting Algorithms on Binary Trees using Multisets in Theorema	
17:00	Bo Huang and Wei Niu. Algebraic Analysis of Bifurcations and Chaos for Discrete Dynamical Systems	
17:30	Bilal Mokhtari, Kamal Eddine Melkemi, Dominique Michelucci and Sebti Fofou. Optimizing Query Perturbations to Enhance Shape Retrieval	T4
18:00	Kettaf Chahrazed and Yousfate Abderrahmane. Authorship attribution by functional discriminant analysis	
18:30		
18:45	Shuttle	