

# ICCG 2018 Program

February 27, 2018

8:00-8:50	Registration		
9:00-10:00	Invited talk	Maarten Löffler, "Geometry and Topology in Trajectory Analysis"	
10:00-10:30	Break		
10:30-12:10	Session1	10:30-10:50	Arash Ahadi and Alireza Zarei, "Connected Guards in a Simple Polygon"
		10:50-11:10	Davood Bakhshesh and Mohammad Farshi, "Fault Tolerancy of Continuous Yao Graph"
		11:10-11:30	Sepideh Aghamolaei and Mohammad Ghodsi, "A Theoretical Proof of Angular Random Walk"
		11:30-11:50	Ali Gholami Rudi, "Answering Time-Windowed Queries of Contiguous Hotspots"
		11:50-12:10	Homa Ataei Kachoei, Mansoor Davoodi and Dena Tayebi, "On the Generalized Minimum Spanning Tree in the Euclidean Plane"
12:10-13:30	Lunch		
13:30-15:10	Session2	13:30-13:50	Fatemeh Baharifard, Majid Farhadi and Hamid Zarrabi-Zadeh, "Routing in Well-Separated Pair Decomposition Spanners"
		13:50-14:10	Amir Mesrikhani, Mohammad Farshi and Mansoor Davoodi, "Progressive Algorithm For Euclidean Minimum Spanning Tree"
		14:10-14:30	Davood Bakhshesh and Mohammad Farshi, "A New Construction of the Greedy Spanner in Linear Space"
		14:30-14:50	Ali Gholami Rudi "Approximate Hotspots of Orthogonal Trajectories"
		14:50-15:10	Sima Hajiaghaei Shanjani and Alireza Zarei, "Covering Points by Two Triangles"
15:10-15:40	Break		
15:40-	Session3	15:40-16:00	Abolfazl Poureidi, Davood Bakhshesh and Mohammad Farshi, "Increasing-Chord Planar Graphs for Points in Convex Position"
		16:00-16:20	Bahram Sadeghi Bigham, Maryam Nezami and Marziyeh Eskandari, "Kinetic Nearest Neighbor Search in Black-Box Model"
		16:20-16:40	Mansoor Davoodi, Mehdi Khosravian Ghadikolaei and Mohammad Mehdi Malekizadeh, "Exploring Rectangular Grid Environments"
		16:40-17:00	Alireza Mofidi, "On Some VC-combinatorial notions in computational geometry"
		17:00-17:20	Abolfazl Fatholahzadeh and Dariush Latifi, "Knowledge Representation for the Geometrical Shapes"
		17:20-17:40	Zahra Gholami and Mansoor Davoodi "Shortest Path Problem among Imprecise Obstacles"