JCDCG^3 2017 (2017.08.29–09.01, Tokyo University of Science) Program ver. 5 (17.08.28)

8/29 (Tue)		
9:00	Registration Desk Open	
10:20–10:30	Opening Remarks	
10:30–11:20	Invited Talk 1, Chair: Mikio Kano, Speaker: Jorge Urrutia, On Orthogonal Polyhedra	
11:20–11:30	Short Break	
11:30–12:20	Invited Talk 2, Chair: TBA, Speaker: David Eppstein, Forbidden Configurations in Discrete Geometry	
12:20–13:50	Lunch Break	
13:50–15:30	Contributed Talks (25 min x 2 parallel x 4)	
	Session1A, Chair: Yushi Uno (in Room A)	Session1B, Chair: Yasuko Matsui (in Room B)
	Erik Demaine, Hiro Ito, Stefan Langerman, Jayson Lynch, Mikhail Rudoy and Kai Xiao: Cookie Clicker	Agnes Garciano, Reginaldo Marcelo, Mari-Jo Ruiz and Mark Anthony Tolentino: The Independence and Domination Numbers of the Hanoi Graphs
	Yoshinori Teshima, Ryo Higashida and Takeo Matsumoto: Periodic structures of five-way cylinder packing	Agnes Garciano, Reginaldo Marcelo, Mari-Jo Ruiz and Mark Anthony Tolentino: Sigma Chromatic Number of the Sierpinski Gasket Graphs and the Hanoi Graphs
	Supanut Chaidee and Kokichi Sugihara: Laguerre Voronoi Diagram as a Model for Generating the Tessellation Patterns on the Sphere	Hsin-Hao Lai: Results on Additive Chromatic Numbers and Additive Choice Numbers of Halin Graphs
	Min Yan: Pentagonal Subdivision and Double Pentagonal Subdivision	Chao-Chun Chen, Zi-Yi Yang and Chih-Hung Yen: New Developments on r-Equitable Coloring of Cross Products of Graphs
15:30–15:50	Break	
15:50–17:30	Contributed Talks (25 min x 2 parallel x 4)	
	Session2A, Chair: Takashi Horiyama (in Room A)	Session2B, Chair: Yasuko Matsui (in Room B)
	Toshinori Sakai: A result on balanced partitions of 3 colored point sets	Titin Martini, Mania Roswitha, Hardina Sandariria and T A Kusmayadi: $C_4 \odot P_m$ ––– Supermagic Labeling and Super (a, d) ––– $C_4 \odot P_m$ ––– Antimagic Labeling for a Gear Graph Corona with a Path Graph
	Juan Carlos Catana-Salazar, Alfredo García, Javier Tejel and Jorge Urrutia: Planarity Preserving Augmentation of Plane Graphs to Meet Parity Constraints	Yeva Fadhilah Ashari, A.N.M. Salman and Khreshna Imaduddin Ahmad Syuhada: A Characterization of $(C_n, K_{\{1,n\}})$-Supermagic of Trees Corona Paths and Trees Join A Trivial Graph
	Sang-Hyun Kim and Genevieve S. Walsh: Acute triangulations of the sphere	Zata Yumni Awanis and A.N.M. Salman: The (strong) 3-rainbow index of amalgamation of some graphs
	Ken Sugimori, Sonoko Moriyama and Kunihiko Sadakane: Enumeration of binary matroids using degree sequences	Eduardo Rivera-Campo: Decompositions of the complete twisted graph T_n into isomorphic spanning trees

8/30 (Wed)		
09:00–09:50	Invited Talk 3, Chair: Mari-Jo P. Ruiz. Speaker: Janos Pach, New Crossing Lemmas	
09:50–10:10	Break	
10:10–12:15	Contributed Talks (25 min x 2 parallel x 5)	
	Session3A, Chair: Tomohiro Tachi (in Room A)	Session3B, Chair: Toshinori Sakai (in Room B)
	Jin-Ichi Itoh and Chie Nara: Continuous Flattening of the set of the square faces in a hypercube	Bernardo Abrego, Silvia Fernandez and Athena Sparks: The bipartite cylindrical crossing number of $K_{\{m,n\}}$
	Kazuki Matsubara and Chie Nara: Internal continuous flattening of prisms	Bernardo Abrego, Fernández-Merchant, E. Lagoda, and P. Ramos: Minimizing crossings of 2-page drawings of K_n with prescribed number of edges in each page
	Hugo Akitaya, Cordelia Avery, Joseph Bergeron, Erik D. Demaine, Justin Kopinsky and Jason S. Ku: Infinite All-Layers Simple Foldability	Raiji Mukae and Terukazu Sano: A characterization of tree-tree quadrangulations on closed surfaces
	Elena Khramtcova and Stefan Langerman: Which convex polyhedra can be made by gluing regular hexagons?	Hilda Assiyatun, Edy Tri Baskoro, Desi Rahmadani, Budi Rahadjeng and Yusuke Yoshie: On Ramsey (P_4, P_4)-minimal graphs
	Naofumi Horio: Some extension of reversing a polyhedral surface	Desi Rahmadani, Hilda Assiyatun and Edy Tri Baskoro: Unicyclic Ramsey (path, path)-minimal graphs
12:15–12:25	GROUP PHOTO	
12:25–13:55	Lunch Break	
13:55–14:45	Invited Talk4, Chair: Yushi Uno, Speaker: Naoki Katoh, Characterizing minimal rigidity of square-grid frameworks with holes	
14:45–15:05	Break	
15:05–16:20	Contributed Talks (25 min x 2 parallel x 3)	
	Session4A, Chie Nara (in Room A)	Session4B, Ryuhei Uehara (in Room B)
	Jin Akiyama, Erik D. Demaine and Stefan Langerman: Polyhedral Characterization of Reversible Hinged Dissections	Eiichi Bannai and Da Zhao: Spherical embeddings of symmetric association schemes in 3-dimensional Euclidean space
	Tatsuya Inoha, Yoshitaka Inoue, Takayuki Ozawa and Yushi Uno: Packing developments of cubes	Mohammad Samy Baladram: Construction of Spherical t-designs from Ball Designs
	Hiro Ito and Yoshihiro Takeda: Packing polyominoes into a rectangle is constant-time testable	Liu Jia-Jie: The Orbits of Folded Crossed Cubes
16:20–16:40	Break	
16:40–17:40	Narong's Memorial Session, Chair: Wanida Hemakul, Speakers: Wanida Hemakul, Ratinan Boonklurb, and Jinnadit Laorpaksin, A Memory of the Late Professor Narong Punnim	

8/31 (Thur)		
09:00–10:40	**Contributed Talks (25 min x 2 parallel x 4)**	
	Session5A, Chair: Matias Korman (in Room A)	Session5B, Chair: Yoshio Sano (in Room B)
	Gerardo Gonzalez Martinez, Mazay O. Jiménez Salinas, Carlos Seara and Jorge Urrutia: Some Stabbing Problems of Line Segments Solved with Linear Programming	Shohei Satake: Constructions of Ramanujan Cayley graphs
	Bahareh Banyassady, Matias Korman, Wolfgang Mulzer, André van Renssen, Marcel Roeloffzen, Paul Seiferth, Yannik Stein, Birgit Vogtenhuber and Max Willert: Routing in Polygonal Domains	Agnes D. Graciano, Reginaldo M. Marcelo and Luis S. Silvestre, Jr. : Subgroups as Total Perfect Codes in Cayley Graphs of Abelian and Dihedral Groups
	Jean-Claude Bermond, Takako Kodate and Joseph Yu: Gossiping with interference in radio ring networks	Tomoko Adachi and Xiao-Nan Lu: Public key cryptosystems using magic cubes
	Bahram Kouhestani and David Rappaport: Edge Patrolling Beacon	Ratinan Boonklurb, Sajee Pianskool and Pinkaew Siriwong: Complete k-zero-Divisor hypergraphs of some commutative rings
10:40–11:00	Break	
11:00–12:15	**Contributed Talks (25 min x 2 parallel x 3)**	
	Session6A, Chair: Aaron Williams (in Room A)	Session6B, Chair: Ryuhei Uehara (in Room B)
	Aster Greenblatt, Justin Kopinsky, Ben North, Malgolm Tyrrell and Aaron Williams: MazezaM Levels with Exponentially Long Solutions	Tunzi Tan, Jihong Gui, Sainan Wang, Suixiang Gao and Wenguo Yang: An efficient algorithm for judicious partition of hypergraphs
	Jeffrey Bosboom, Erik Demaine, Martin Demaine, Adam Hesterberg, Roderick Kimball and Justin Kopinsky: Path Puzzles: Discrete Tomography with a Path Constraint is Hard	Takaaki Fujita and Koichi Yamazaki: Tangle and Ultrafilter: Game Theoretical Interpretation
	Rudolf Fleischer: Elmsley's Problem Revisited	Takaaki Fujita and Koichi Yamazaki: Linear-width and singly ideal
12:15–13:45	Lunch Break	
13:45–15:25	**20th Anniversary Session I (50 min x 2)**	
	Invited Talk 5, Chair: Janos Pach, Speaker: Vasek Chvatal, Oichan and I	
	Invited Talk 6, Chair: Janos Pach, Speaker: Erik D. Demaine, 20 Years of JCDCGGG	
15:25–15:45	Break	
15:45–17:25	**20th Anniversary Session II (50 min x 2)**	
	Invited Talk 7, Chair: Stefan Langerman, Speaker: Mikio Kano, Balanced subdivisions of three colored point sets in the plane	
	Invited Talk 8, Chair: Stefan Langerman, Speaker: Jin Akiyama, Miscellaneous Properties of Polyhedral Nets --- Tessellability, Reversibility and Foldability	
18:30–20:30	Banquet	

9/01 (Fri)		
09:00–09:50	Invited Talk 9, Chair: Jorge Urrutia, Speaker: Evangelos Kranakis, Mobile Robot Search: Problems and Results	
09:50–10:10	Break	
10:10–12:15	**Contributed Talks (25 min x 2 parallel x 5)**	
	Session7A, Chair:TBA (in Room A)	Session7B, Chair: Toshinori Sakai (in Room B)
	Ryohei Miyadera, Masanori Fukui, Masaru Kitagawa, Shota Suzuki, Yuki Tokuni and Yushi Nakaya: Pascal-Like Triangles and Fibonacci-Like Sequences	Akitoshi Kawamura and Hideaki Noshiro: Multi-agent Cooperative Patrolling of Designated Points on Graphs
	Ryohei Miyadera, Yuusuke Sakamoto, Kazunari Mizuta, Ryoji Takano, Kai Hirokawa and Masanori Fukui: Two-Dimensional Maya Game and Two-Dimensional Silver Dollar Game	Kyohei Chiba, Hiro Ito and Atsuki Nagao: K_3 edge cover in a wide sense
	Ikuro Sato and Hiroshi Nakagawa: 3D-puzzles, as an application of infinite A_n hyperspace partition	Hiroki Katsumata, Satoshi Tayu and Shuichi Ueno: On the Complexity of Finding a Largest Common Subtree of Trees
	Hiroaki Suto, Aleksandar Shurbevski and Hiroshi Nagamochi: The Stable Roommates Problem with Unranked Entries	Hiroshi Nishiyama: The Odd Depth Tree Problem
	Kent Koide, Takahito Kuno and Yoshio Sano: An efficient algorithm for the stable marriage problem with short incomplete lists under social stability	Robert Barish and Akira Suyama: Counting Hamiltonian Cycles on Quartic 4-Vertex-Connected Planar Graphs
12:15–13:45	Lunch Break	
13:45–15:50	**Contributed Talks (25 min x 2 parallel x 5)**	
	Session8A, Chair: Rudolf Fleischer (in Room A)	Session8B, Chair: Akitoshi Kawamura (in Room B)
	Jason S. Ku and Mikhail Rudoy: Complexity of Benndorf's "The Game"	Robert Benkoczi, Binay Bhattacharya, Custic Ante, Sandip Das and Tsunehiko Kameda: Facility Location Problems in Cycle Networks
	Masanori Fukui, Koki Suetsugu and Akira Suzuki: Complexity of "Goishi Hiroi"	Toshihiro Akagi, Tetsuya Araki, Shin-Ichi Nakano and Hiroshi Ishikawa: The partial sum dispersion problem on the line
	Yasuaki Kobayashi, Koki Suetsugu and Hideki Tsuiki: On the complexity of lattice puzzles	Yoshiaki Takahashi and Akira Ito: On Equivalence of de Bruijn Graphs and State-minimized Finite Automata
	Yasuhiko Takenaga, Shohei Mishiba and Haruka Sugiyama: Matchstick Puzzles on a Grid	Susilawati Nurdin, Edy Tri Baskoro and Rinovia Simanjuntak: On the Total Vertex Irregularity Strength for Trees with Many Vertices of Degree 2
		Suhadi Wido Saputro: Cordial sets of Honeycomb networks
15:50–16:00	Closing Remarks	