International Workshop on Conformal Dynamics and Loewner Theory 2018

Date: September 5 (Wed) – 7 (Fri), 2018
Venue: Graduate School of Information Science (GSIS), Tohoku University
2nd floor, Middle Lecture Room

PROGRAM

September 5 (Wednesday)

11:00 – 12:00	Registration
13:30 – 13:40	Opening
13:40 – 14:30	**David Shoikhet** (Holon Institute of Technology, Israel) *Nonlinear resolvent of holomorphic generators*
14:40 – 15:30	**Mark Elin** (ORT Braude College, Israel) *Continuous and holomorphic semicocycles in Banach spaces*
15:50 – 16:40	**Santiago Díaz-Madrigal** (University of Seville, Spain) *On the rate of convergence of semigroups of holomorphic self-maps at the Denjoy-Wolff point*
16:50 – 17:40	**Pavel Gumenyuk** (University of Stavanger, Norway) *Becker's criterion for quasiconformal extendibility and the λ-Lemma*

September 6 (Thursday)

10:00 – 10:50	**Takahiro Hasebe** (Hokkaido University, Japan) *Loewner chains, Markov processes and monotone increment processes*
11:00 – 11:50	**Hiroshi Yanagihara** (Yamaguchi University, Japan) *Loewner theory on analytic universal covering maps*
Lunch	
13:20 – 14:10	**Gabriela Kohr** (Babeş-Bolyai University, Romania) *Loewner chains, extremal results and approximation properties associated with univalent mappings in $\mathbb{C}^n$*
14:20 – 15:10	**Hidetaka Hamada** (Kyushu Sangyo University, Japan) *g-Loewner chains, Bloch functions and extension operators*

15:30 – 16:20	**Mihai Iancu** (Babeş-Bolyai University, Romania) *On spiralshapelike mappings on the unit ball in higher dimensions*
16:30 – 17:10	**Mirela Kohr** (Babeş-Bolyai University, Romania) *Layer potentials and Poisson problems for elliptic systems in Lipschitz domains. Applications*
18:30 – 21:00	Banquet at Mia Angela Ichibancho (Fee: 4000–5000 JPY)

September 7 (Friday)

10:00 – 10:50	**Shinji Koshida** (University of Tokyo, Japan) *Schramm-Loewner evolution with internal degrees of freedom*
11:00 – 11:50	**Yoshiki Fukusumi** (University of Tokyo, Japan) *Liouville field theory and Schramm Loewner evolutions*
Lunch	
13:30 – 14:20	**Takuya Murayama** (Kyoto University, Japan) *Chordal Komatu-Loewner equation for a family of continuously growing hulls*
14:30 – 15:20	**Ikkei Hotta** (Yamaguchi University, Japan) *Hydrodynamic limit of multiple SLE*
15:20 – 15:30	Closing