Women in Mathematics

2022.9.7-9 (Online)

Program

9月7日（水）			
9:15-9:25	Opening		
9:25-10:05	Makiko Sasada	The University of Tokyo	Scaling limits for random processes from the point of view of group cohomology
10:15-10:55	Sunggeum Hong	Chosun University	On the regularity for multilinear pseudo-differential operators
11:05-11:20	Motoko Kato	University of the Ryukyus	Acylindrical hyperbolicity of some Artin groups
11:30-11:45	Mao Shinoda	Ochanomizu University	Ergodic optimization and its relation to thermodynamic formalism
11:45-13:30	Lunch		
13:30-13:45	Yumiko Ohno	Yokohama National Unversity	Facial achromatic number of triangulations on the sphere
13:55-14:10	Erika Kuno	Osaka University	Quasi-isometric embeddings from mapping class groups of nonorientable surfaces
14:20-14:35	Xiaodan Zhou	OIST	Eikonal equations on metric spaces
14:45-15:00	Natsumi Oyamaguchi	Shumei University	Region colorings for spatial graphs
15:10-16:10	1 minute talks	(in Japanese)	Ade Irma Suriajaya, Yuko Yano, Yuanyuan Bao, Sakie Suzuki, Hideko Hashiguchi,Satoko Sugano, Rika Ishida, Makiko Sasada, Shihoko Ishii, Nguyen Thi Hoai Linh, Yukari Ito, Reiko Miyaoka, Akari Kameda, Sonia Mahmoudi, Noe Kawamoto, Miyuki Koiso, Nanao Kita, Reiko Toriumi, Tomoko Takemura
18:00-18:40	Marie- Françoise Roy	IRMAR, Université de Rennes	Elementary recursive complexity results in real algebraic geometry
19:00-19:40	Caroline Series	University of Warwick	Exploring a family of Kleinian groups

9月8日（木）			
8:30-9:10	Dusa McDuff	Columbia University	An introduction to embedding problems in symplectic geometry
9:30-10:10	Hélène Barcelo	MSRI	Discrete cubical homotopy groups and real Eilenberg-MacLane spaces.
10:30-10:45	Eriko Shinkawa	Tohoku University	Virasoro action on Schur's Q-functions
11:00-11:15	Megumi Sano	Hiroshima University	Harmonic transplantation and its applications to Sobolev embeddings, functional inequalities and PDEs
11:15-13:30	Lunch		
13:30-13:45	Ayako Kubota	Waseda University	Invariant Hilbert schemes and resolutions of quotient singularities
13:55-14:10	Ade Irma Suriajaya	Kyushu University	Goldbach's Conjecture, the Riemann Hypothesis and problems on twin primes in Number Theory, and recent results relating Goldbach and prime pair problems to zeros of L-functions
14:20-14:35	Hyonjung Lee	Kyungpook National University	Mathematical modeling for COVID-19 transmission dynamics in Korea
14:45-15:00	Mayuko Yamashita	RIMS, Kyoto University	Algebraic topology and physics
15:10-16:10	1 minute talks	(in Japanese)	Karin Ikeda, Marie Watanabe, Motoko Kato, Haruka Watanabe, Yuka Kotorii, Sin Yi TSANG, Ayako Kubota, Hoshi Tominaga, Misato Kudo, JuAe Song, Hiroko Manaka, Futaba Sato, Haru Negami, Yumiko Ohno, Itsuki Nakamura, Maki Nakasuji, Akira Lee, Motoko Kakubayashi, Eiko Kin, Aoi Honda
18:00-18:40	Sylvie Paycha	University of Potsdam	Mathematical reflections on locality
18:50-20:50	Discussion (Europe)	EWM(McLagen), CWM(Roy), Exhibition (Paycha)	

9月9日（金）			
8:30-10:30	Discussion (USA)	WAM(McDuff), AWM(Leonard), MSRI(Barchero)	
10:30-12:00	Discussion (Korea)	KWMS(Soon-Yi Kang)	
12:00-13:30	Lunch		
13:30-15:30	Discussion (Japan)	(in Japanese)	

Organizers:

Yukari Ito (Kavli IPMU, The University of Tokyo))

Eiko Kin (Osaka University)

Aoi Honda (Kyushu Tech. University)

Tomoko Takemura (Nara Women's University)

Mayuko Yamashita (RIMS, Kyoto University)