

## ISCS2011 poster presentation list

Note : Presenters are divided into two groups A and B.

The posters in group A will be presented in Dec. 1, and the posters in group B will be presented in Dec. 2.

Name		Group	No.	Title
Abe	Kei	B	1	Electrical potential oscillation induced by salt water oscillation
Arima	Mina	A	1	Pattern Formation of Bacterial Colonies by <i>Pseudomonas aeruginosa</i>
Chen	Jian	B	2	Simulation of three-dimensional granular materials with polyhedral Discrete Elements
Chiang	Wei-Yin	A	2	Simple models for Quorum sensing
Colliaux	David	B	3	Factorization of correlations in v1.
Confesor	Mark Nolan	A	3	Noise effect on force measurement on a particle confined in a thermo-osmotic trap
Ebata	Hiroyuki	B	4	Model of the heaping in vibrated suspensions under slip/non slip switching boundary condition
Endo	Daiki	A	4	Oscillatory Instability of Slow Crack Propagation in Rubbers under Large Deformation
Fujie	Ryo	B	5	Modeling Competition of More than Two Languages
Furuhashi	Sho	A	5	Text Structure Analysis in the Framework of Complex Network
Goto	Yusuke	B	6	Simple gene networks models show cell differentiation behavior
Hatakeyama	Tetsuhiro	A	6	A theoretical exploration of temperature compensation of Kai-protein-based circadian clock.
Hayakawa	Yoshinori	B	7	Randomization process of the flying arrangement within bird flocks
Hayakawa	Ryo	A	7	Size Frequency Distribution of Japanese Names
Heisler	Eric	B	8	Collective Motion and Phase Transitions of Symmetric Camphor Boats in 1-D
Higuchi	Masaya	A	8	Percolation analysis of the Cosmic Microwave Background radiation
Inaoka	Hajime	B	9	Molecular dynamics simulation of gas-liquid flow of a binary Lennard-Jones particle system
Ishihara	Shuji	A	9	Mechanical control of hexagonal cell packing in morphogenesis of the <i>Drosophila</i> wing
Itino	Yu	B	10	Order-Disorder Transition in the Deformable Self-Propelled Particle System
Ito	Sosuke	A	10	Entropy pumping and finite time information thermodynamics
Kawaguchi	Kyogo	B	11	Quantitative observation of cell differentiation dynamics
Kitahata	Hiroyuki	A	11	Droplet motion coupled with chemical reaction
Kitsunozaki	So	B	12	Time development of a growing string
Kobayashi	Naoki	A	12	Fractal Structure of Isothermal Lines and Loops on the Cosmic Microwave Background
Komatsu	Teruhisa	B	13	A thermal diode and transistor utilizing gas-liquid transition
Komura	Shin-ya	A	13	Complex structures of air-water interfaces interacting collective motion of granular particles
Kori	Hiroshi	B	14	Structure of Cell Networks Critically Determines Oscillation Regularity
Kubo	Yoshitsugu	A	14	Mode bifurcation of bouncing dimer caused by chiral-assymetry
Kudo	Kazue	B	15	Domain pattern formation in a ferromagnetic Bose-Einstein Condensate
Kumata	Ryuto	A	15	Concentric-ring Colony Formation of <i>B. subtilis</i>
Kuninaka	Hiroto	B	16	Statistical properties of height and weight of schoolchildren
Kurashige	Masakazu	A	16	Crystal Growth and Morphology Change of Calcium Carbonate in Gel
Lafuerza	Luis F.	B	17	Role of Delay in the Stochastic Birth and Death process
Le	Duy Manh	A	17	Dramatic Reduction of Cardiac Alternans by small perturbations in pacing scheme
Mahara	Hitoshi	B	18	Stabilization of unstable state by interaction between a reaction-diffusion system and its environment
Marcq	Philippe	A	18	Active stress and the contractile cytoskeleton
Matsubara	Masako	B	19	Resonance of Oscillatory Chemical Reactions
Matsumoto	Shigenori	A	19	Molecular Dynamics Study of Turbulence Generation
Matsuyama	Kazuhiro	B	20	Acoustic Emission from a plunged granular bed
Miki	Hiroshi	A	20	Growth Rate Distribution for NH <sub>4</sub> Cl Dendrite and its Scaling Structure
Miyama	Masamichi	B	21	Nucleation kinetics of bubble production in Lennard-Jones System
Miyata	Hidetake	A	21	Low frequency magnetic field alters nitric oxide production in human endothelial cells
Mizuguchi	Tsuyoshi	B	22	Structure of genealogical network

Mori	Shintaro	A	22	Herding and Information Cascade
Mori	Fumito	B	23	Period Variability for Noisy Coupled Phase Oscillators
nagahiro	shin-ichiro	A	23	Instability of rivulet inside vortical pipe
Nagai	Ken	B	24	Spontaneous droplet motion induced marangoni effect
Nakahara	Akio	A	24	Memories of paste and its visualization as crack patterns
Nakayama	Yohei	B	25	The effect of polymer adsorption on the non-equilibrium transport of colloidal particles
Ng	Shi Han	A	25	Combination of Discrete and Finite Elements for the microscopic simulation of particle-loaded flows
Noda	Shuhei	B	26	Pattern formation and bifurcation of <i>Euglena</i> in strong optical field
Odagiri	Kenta	A	26	Pattern formation of colloids under a temperature gradient
Ogihara	Yusuke	B	27	Quantitative analysis of foraging of the <i>Lasius Japonicus</i> using chemical cues and visual cues
Oishi	Koji	A	27	Community Dynamics under Indirect Reciprocity Norms
Ouchi	Noriyuki	B	28	Morphological aspects of carcinogenesis
Saito	Nen	A	28	The role of phenotypic fluctuation in evolutionary rate
Sakaguchi	Hidetsugu	B	29	Branching Patterns and Stepped Leaders in a Simple Discharge Model
Sano	Tomohiko	A	29	Mode Analysis of Granular Jet Scattering with Rectangular Cross Section
Sato	Shin-ichi	B	30	Scaling properties and Markovian nature of equilibrium interfaces
Sato	Yuta	A	30	Characteristics of Statistical Distributions of Height and Weight
Shimada	Takashi	B	31	Statistical Physics Approach to Understanding Universal Patterns in Ecosystem
Shimokawa	Michiko	A	31	Surface pattern formed in Rayleigh-Taylor instability
Shiraishi	Masashi	B	32	A minimal model of homing behaviors of homing pigeons
Shirakawa	Tomohiro	A	32	Allometries in the Cell Motility of the <i>Physarum Plasmodium</i>
Shitara	Kyohei	B	33	Behavior of a deformable self-propelled domain in an excitable reaction-diffusion system
Struzik	Zbigniew	A	33	Multiscale Complexity of Exotic Statistical Physics Systems
Sumino	Yutaka	B	34	Large scale nematic vortex of self-propelled microtubules induced by local interaction
Suzuki	Ryo	A	34	Self-Propelling Asymmetric Colloids in AC Electric Field
Takabatake	Fumi	B	35	Self-propelled motion of a composite induced by interfacial instability: spontaneous symmetry breaking and mode-bifurcation
Takaguchi	Taro	A	35	Predictability of conversation partners in Japanese company offices
Takamatsu	Atsuko	B	36	Dynamical Pattern Formation in Motile Cyanobacteria
Takenaka	Yoshiko	A	36	Growth of Gold Nanorods in Gelled Surfactant Solutions
Takeuchi	Kazumasa A.	B	37	Growing interfaces uncover universal fluctuations behind scale invariance
Tanimoto	Hirokazu	A	37	Complementary pictures of traction stress field of migrating cell
Tarama	Mitsusuke	B	38	Influence of external forcing on the dynamics of a deformable self-propelled particle
Toda	Akihiko	A	38	Formation of polymer spherulites by branching and re-orientation of lamellar crystallites
Toenjes	Ralf	B	39	Synchronization of weakly perturbed Markov chain oscillators
Tonosaki	Yousuke	A	39	Phase description of nonlinear dissipative waves under space-time-dependent external forcing
Tutu	Hiroki	B	40	Two-teeth rotary ratchet and its unidirectional rotation under linearly polarized ac-field
Uchida	Nariya	A	40	Minimal Models of Hydrodynamic Synchronization at Low Reynolds Number
Urabe	Chiyori	B	41	Fracture strength and toughness in a disordered lattice system
Wakita	Jun-ichi	A	41	Size Distributions of BranchWidths and Gaps of DBM pattern formed by <i>Bacillus subtilis</i>
Yabunaka	Shunsuke	B	42	Self-propelled motion of a fluid droplet under chemical reaction
Yamada	Yasuyuki	A	42	Velocity correlations of a discrete-time TASEP in stationary state on a circle
Yamaguchi	Tetsuo	B	43	Large stress fluctuations in sliding friction of polymer gels
Yamamoto	Ken	A	43	Lognormal behavior in crease patterns of origami
Yamamoto	Miki	B	44	Hierarchical mechanism of development of local society
Yamazaki	Yoshihiro	A	44	Collective behavior of bistable units with global and asymmetric local interactions
Yomosa	Makoto	B	45	Collective motion of hooded gull
Yu Ting	Huang	A	45	Spontaneous Reverberation in a Growing Neuronal Network