

Poster No.	Given/First Name	Family/Last Name	Title of Abstract	Institution	Authors	Co-Authors
1	Yuzhang	WANG	Dissipative Particle Dynamics Simulation of Micelle Formation of Block Copolymers by Solvent Evaporation	School of Chemistry, Beihang University, China	Yuzhang Wang	Jiajia Zhou
2	Huijun	JIANG	Emergence of collective dynamical chirality for achiral active particles	Department of Chemical Physics & Hefei National Laboratory for Physical Sciences at the Microscale, iChEM, University of Science and Technology of China	Huijun Jiang	Huai Ding, Mingfeng Pu and Zhonghui Hou
3	Rajsekhar	DAS	Pinning susceptibility: a novel method to study growth of amorphous order in glass-forming liquids	TIFR Center for Interdisciplinary Science, Tata Institute of Fundamental Research, India	Rajsekhar Das	Saurish Chakrabarty, and Smarajit Karmakar
4	Hortense Le	FERRAND	Conditions, microphases and kinetics of the liquid-liquid phase separation of squid beak protein HBP2.	Biological and Biomimetic Materials Laboratory, School of Materials Science and Engineering, Nanyang Technological University, Singapore	Hortense Le Ferrand	Cai Hao, Bartosz Gabryelczyk, Martial Duchamp and Ali Miserez
5	Takahiro	HATANO	Effect of weak stress modulation in granular friction	Earthquake Research Institute, University of Tokyo, Japan	Takahiro Hatano	
6	T.	TSUKADA	3-dimensional pattern induced by a phase separation with directional quenching	Department of Physics, Tokyo Metropolitan University, Japan	T. Tsukada	R. Kurita
7	Kazuya U.	KOBAYASHI	Unusual thermal convection in a well-mixed two component fluid with large viscosity difference	Department of Physics, Tokyo Metropolitan University, Japan	Kazuya U. Kobayashi	Rei Kurita
8	Naoya	YANAGISAWA	A bubble-avalanche collapsing mechanism in a quasi-two-dimensional foam	Department of Physics, Tokyo Metropolitan University, Japan	Naoya Yanagisawa	Noriko Oikawa, Rei Kurita
9	Remya Ann	MATHEWS K.	Self-Assembly Of Attractive Patchy Colloids with Isotropic Repulsion	PECS Lab, Department of Chemical Engineering, Indian Institute of Technology, Madras	Remya Ann Mathews K.	Ethayaraja Mani
10	Eiji	YAMAMOTO	Self-Assembled Colloidal Particles on GeSbTe Substrate Induced by Laser Heating	Graduate School of Science and Technology, Keio University, Japan	Eiji Yamamoto	Kei Yamaguchi, Ryo Soma, Bokusui Nakayama, Masashi Kuwahara, and Toshiharu Saiki
11	K.	MORINAGA	Morphology of crystal under evaporation of solutions	Department of Physics, Tokyo Metropolitan University, Japan	K. Morinaga	N. Oikawa and R. Kurita
12	Shang Yik	REIGH	Diffusiophoretic induced interactions between chemically active and inert particles	Max-Planck-Institut für Intelligente Systeme, Heisenbergstraße 3, 70569 Stuttgart, Germany	Shang Yik Reigh	Prabha Chuphal, Snigdha Thakur and Raymond Kapral
13	Wei-Ting	YEH	Reproducing Reversible-Irreversible Transition of Dilute Sheared Suspension from a Deterministic Set of Equations – Effect of Hydrodynamic and Non-Hydrodynamic Interaction	Department of Physics, Nagoya University, Japan	Wei-Ting Yeh	Takeshi Kawasaki, and Kunimasa Miyazaki
14	Bokusui	NAKAYAMA	Dynamics of Colloidal Particles in a Temperature-Responsive Polymer Solution	Graduate School of Science and Technology, Keio University, Japan	Bokusui Nakayama	Eiji Yamamoto, Kei Yamaguchi, Ryo Soma, Yuki Hiruta, Masashi Kuwahara, Toshiharu Saiki
15	Ryo	SOMA	Dynamical control of phase-change material coated Janus particles	Graduate School of Science and Technology, Keio University, Japan	Ryo Soma	Eiji Yamamoto, Kei Yamaguchi, Bokusui Nakayama, Masashi Kuwahara, Toshiharu Saiki
16	Pei Qi	LIM	Tuning the Self-Assembly of PEG-PLA-Based Nanostructures in Solution Using Additives for Drug Delivery Applications	Interdisciplinary Graduate School, Nanyang Technological University, Singapore	Pei Qi Lim	Yee Shan WONG , Yee Yan TAY , Subbu S. VENKATRAMAN
17	Han	GAO	Imaging crack propagation and local strain field distribution in drying colloidal films	School of Mechanical Engineering and Automation, Beihang University, China	Han Gao	Ye Xu
18	Tatsuya	FUKUYAMA	Collective cell migration driven by cell density wave	Department of Physics, Kyushu University, Japan	Tatsuya Fukuyama	Kazuhiro Aoki, Yusuke T. Maeda
19	Shivam	MAHAJAN	Revisiting the Janssen Effect	School of Physical and Mathematical Sciences, Nanyang Technological University, Singapore	Shivam Mahajan	Sudhir N Pathak, Massimo Pica Ciamarra, Tae Bexter, Alberto Fernandez Nieves
20	Pin	NIE	Active Granular Material with Friction	School of Physical and Mathematical Sciences, Nanyang Technological University, Singapore	Pin Nie	Joyjit Chattoraj, Ran Ni, Massimo Pica Ciamarra
21	Kenta	ISHIZAKI	An Effect of Interaction Difference in Binary System	Department of Physics, Tokyo Metropolitan University, Japan	Kenta Ishizaki	Rei Kurita
22	Thriveni G.	ANJALI	Equilibrium position and orientation of shape anisotropic colloids at fluid-fluid interface	Polymer Engineering and Colloid Science (PECS) Laboratory, Department of Chemical Engineering, Indian Institute of Technology Madras, India	Thriveni G. Anjali	Madivala G. Basavaraj

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23	Feng	WANG	Homogeneous melting near the superheat limit of hard-sphere crystals	Department of Physics, The Hong Kong University of Science and Technology, Hong Kong, China	Feng Wang	Yilong Han
24	Xipeng	WANG	Wetting initiated solid-solid transition from surface	The Hong Kong University of Science and Technology, Hong Kong, China	Xipeng Wang	Bo Li, Xinliang Xu, Yilong Han
25	Pablo Sampedro	RUIZ	Melting and re-entrant melting of polydisperse hard disks	School of Chemical and Biomedical Engineering, Nanyang Technological University, Singapore	Pablo Sampedro Ruiz	Qun-li Lei, Ran Ni
26	Kittipitch	YOOPRASERTCHUTI	Finite Element Calculation of Ionic Transport within Few Nanometer High Graphene Fluidic Channels		Kittipitch Yooprasertchuti	Massimo Spina, Slaven Garaj
27	Zhonghuai	HOU	Mode coupling theory for nonequilibrium glassy dynamics of thermal self-propelled particles	Department of Chemical Physics & Hefei National Laboratory for Physical Sciences at the Microscale, iChEM, University of Science and Technology of China, China	Zhonghuai Hou	Mengkai Feng
28	Amrita	SINGH	Kinetics of phase separation of ternary fluid mixtures in the hydrodynamic regimes: A simulation study	School of Computational and Integrative Sciences, Jawaharlal Nehru University, India	Amrita Singh	Awaneesh Singh, Anirban Chakraborti
29	Awaneesh	SINGH	Effect of bond-disorder on the phase-separation kinetics of binary mixtures: A Monte Carlo simulation study	Department of Physics, Institute of Chemical Technology, India	Awaneesh Singh	Amrita Singh, Anirban Chakraborti
30	Zhan	MA	Driving dynamic colloidal assembly using eccentric self-propelled colloids	School of Chemical and Biomedical Engineering, Nanyang Technological University, Singapore	Zhan Ma	Qun-li Lei, Ran Ni
31	Qiu-Song	YANG	Beating of grafting chains induced by active Brownian particles	Center for Soft Condensed Matter Physics & Interdisciplinary Research, College of Physics, Optoelectronics and Energy, Soochow University, China	Qiu-Song Yang	Wen-de Tian, Kang Chen
32	Mitsusuke	TARAMA	Mechanics of cell crawling by means of force-free cyclic motion	Fukui Institute for Fundamental Chemistry, Kyoto University, Japan	Mitsusuke Tarama	Ryoichi Yamamoto
33	Chiho	WATANABE	Effect of Cell-size Confinement on Protein Diffusion in Crowding Polymer Solution	Department of Applied Physics, Faculty of Engineering, Tokyo University of Agriculture and Technology, Japan	Chiho Watanabe	Yuta Kobori, Miho Yanagisawa
34	Ziane	IZRI	Cell-free gene expression in picolitre micro-reactors sealed by a biological membrane	Department of Physics, Kyushu University, Japan	Ziane Izri	Ryota Sakamoto, Vincent Noireaux, Yusuke Maeda
35	John Jairo	MOLINA	Mechanosensitivity of Crawling Cells	Department of Chemical Engineering, Kyoto University, Japan	John Jairo Molina	Ryoichi Yamamoto
36	Mubeena	SHEIKH	Hierarchical and synergistic self-assembly in composites of model Wormlike micellar-polymers and nanoparticles results in nanostructures with diverse morphologies	Indian Institute Of Science Education And Research, Pune, India.	Sk. Mubeena	Apratim Chatterji
37	Anne	BOUCHAUDY	Drying dynamics of a charged colloidal dispersion in a confined drop	CNRS, Solvay, Université Bordeaux, France	Anne Bouchaudy	Charles Loussert, Jean-Baptiste Salmon
38	Ye	XU	Self-assembly of silver nanowires under flow: alignment and the electrical and optical anisotropy	School of Mechanical Engineering and Automation and Center of Soft Matter Physics and its Applications, Beihang University, China	Ye Xu	Dengteng Ge, Gabriel A. Calderon-Ortiz, Annemarie Exarhos, Coline Bretz, Ahmed Alsayed, Dave Kurz, Karen I. Winey, Jay Kikkawa, Remi Dreyfus, Shu Yang, Arjun G. Yodh
39	Neethu	THOMAS	Self-assembly of gold nanorods on micron spheres	Polymer Engineering and Colloid Science Laboratory, Department of Chemical Engineering, Indian Institute of Technology Madras, India	Neethu Thomas	Sanjana Sivakumar, Ethayaraja Mani
40	D.	CAPRARA	Surface-Enhanced Raman Scattering of DNA-Nanoparticle assemblies	Department of Physics, Sapienza University of Rome, Italy	D. Caprara	F. Ripanti, A. Capocefalo, C. Fasolato, F. Sciortino, P. Postorino
41	Y.	IWASHITA	Mechanism of orientational ordering of patchy particles depends on packing density	Department of Physics, Kyushu University, Japan	Y. Iwashita	Y. Kimura
42	Jacopo	VIALETTA	Light responsive 2D colloidal crystals	UMR 8640 PASTEUR, Department of Chemistry, Ecole Normale Supérieure, France	Jacopo Vialetto	Manos Anyfantakis, Damien Baigl
43	Isaiah	IGWE	Effects of Induced Attraction on the Phase Behaviour of Polystyrene Hard Sphere Colloids	Institute of Theoretical Physics, Chinese Academy of Sciences, China	Isaiah Igwe	Ouyang Zhongcan, Ke Chen
44	D. Martin A.	BUZZA	Using magnetic cylindrical particles at liquid interfaces to create switchable colloidal monolayers	G W Gray Centre for Advanced Materials, School of Mathematics & Physical Sciences, University of Hull, UK	D. Martin A. Buzza	Bethany J. Newton

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45	Hao	HU	Entropy Stabilizes Floppy Crystals of Mobile DNA-Coated Colloids	School of Chemical and Biomedical Engineering, Nanyang Technological University, Singapore	Hao Hu	Pablo Sampedro Ruiz, Ran Ni
46	Y.	IWASHITA	Emulsions stabilized with dually anisotropic particles	Department of Physics, Kyushu University, Japan	Y. Iwashita	R. Koike, T.G. Noguchi, Y. Kimura
47	Hui	YANG	Particle dynamics of irregular sand particles surface flow in a rotating drum	School of Optical-Electrical and Computer Engineering, University of Shanghai for Science and Technology, China	Hui YANG	Yan-jie ZHANG, Peng HOU, Shi-hao LIN, and Qi-cheng SUN
48	Lufeng	LIU	Uniform and decoupled shape effects on the maximally dense random packings of hard superellipsoids	Department of Mechanics and Engineering Science, College of Engineering, Peking University, China	Lufeng Liu	Weiwei Jin, Ye Yuan, Shuixiang Li
49	Yu-Qian	WANG	Origin of confinement-induced helicity	School of Science, Harbin Institute of Technology (Shenzhen), China	Ho-Kei Chan	Yu-Qian Wang, Hong-Yu Han
50	Sudhir N.	PATHAK	Force Percolation Transition of Jammed Granular Systems	School of Physical and Mathematical Sciences, Nanyang Technological University, Singapore	Sudhir N. Pathak	Valentina Esposito, Antonio Coniglio, Massimo Pica Ciamarra
51	Joyjit	CHATTORAJ	Role of pair attraction on glassy dynamics	School of Physical and Mathematical Sciences, Nanyang Technological University, Singapore	Joyjit Chattoraj	Massimo Pica Ciamarra
52	Indrajit	TAH	Block Analysis for the Calculation of Dynamic and Static Length Scales in Glass-Forming Liquids	Centre for Interdisciplinary Sciences, Tata Institute of Fundamental Research, India	Indrajit Tah	Saurish Chakrabarty, Smarajit Karmakar, Chandan Dasgupta
53	Bilin	ZHUANG	Like dissolves like: how like need they be? A statistical field theory for polar liquids and their mixtures	Department of Materials Science and Engineering, Institute of High Performance Computing, Singapore		
54	Krongtum	SANKAEWTONG	Phase behavior of oppositely charged colloids confined between parallel hard plates	School of Chemical and Biomedical Engineering, Nanyang Technological University, Singapore	Krongtum Sankaewtong	Qunli Lei and Ran Ni
55	Takuma	KIKUTSUJI	How do hydrogen bonds break in supercooled water? : Detecting pathways not going through the saddle point of two-dimensional potential of mean force	Division of Chemical Engineering, Graduate School of Engineering Science, Osaka University	Takuma Kikutsuji	Kang Kim, Nobuyuki Matubayasi