

Soft Matter

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IN THIS ISSUE

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Cover

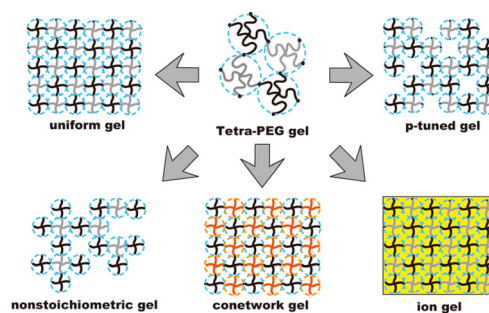
See Mitsuhiro Shibayama, pp. 1995–2009. Image reproduced by permission of Mitsuhiro Shibayama from *Soft Matter*, 2025, 21, 1995.

REVIEW

1995

Physics of polymer gels: Toyoichi Tanaka and after

Mitsuhiro Shibayama

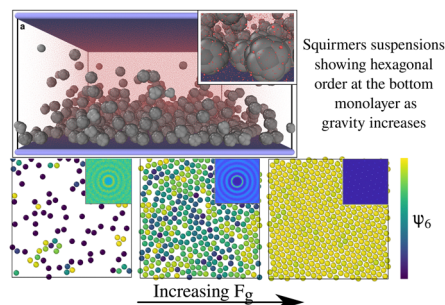


PAPERS

2010

Sedimentation and structure of squirmer suspensions under gravity

C. Miguel Barriuso G.,* Horacio Serna, Ignacio Pagonabarraga and Chantal Valeriani*



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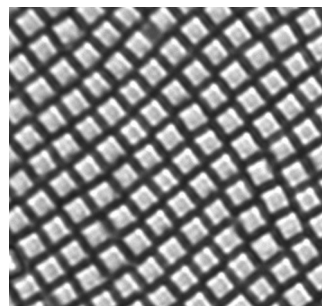
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2026

Tetratic phase in 2D crystals of squares

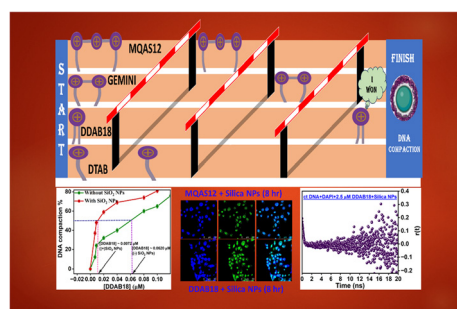
Robert Löffler, Lukas Siedentop and Peter Keim*



2033

Understanding how the structures of surfactants in hybrid nanoparticles affect the compaction of ct-DNA for cellular uptake: presenting a highly efficient surfactant

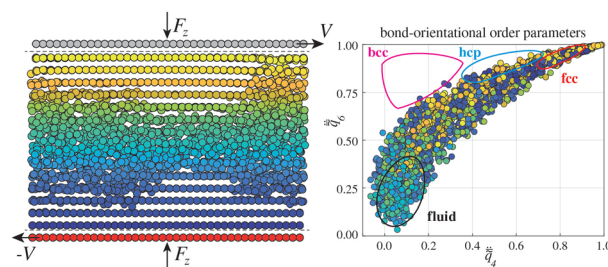
Shalini Dyagala, Milan Paul, Vinod K Aswal, Swati Biswas* and Subit Kumar Saha*



2049

Crystallization in load-controlled shearing flows of monosized spheres

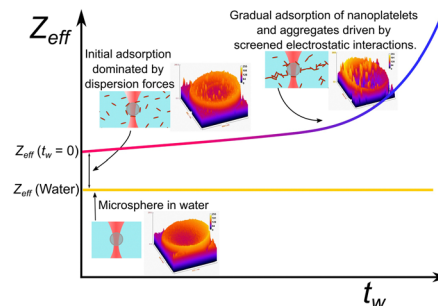
Eσμα Kurban, Dalila Vescovi* and Diego Berzi



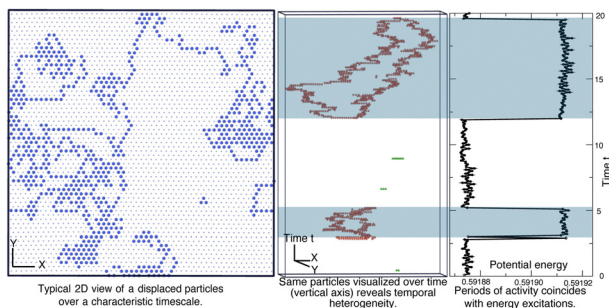
2059

Using optical tweezer electrophoresis to investigate clay nanoplatelet adsorption on Latex microspheres in aqueous media

Vaibhav Raj Singh Parmar, Sayantan Chanda, Sri Vishnu Bharat Sivasubramaniam and Ranjini Bandyopadhyay*



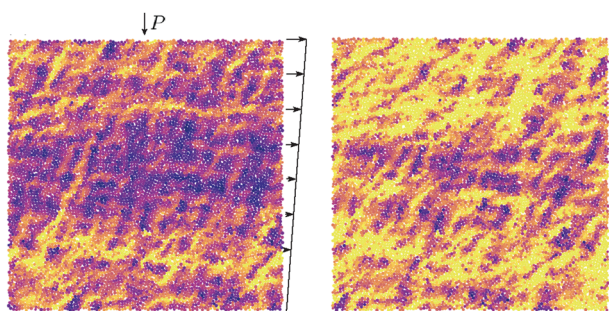
2070



Collective motion and its connection to the energy landscape in 2D soft crystals

Md. Rakib Hassan,* Sam R. Aronow, Jack F. Douglas and Francis W. Starr*

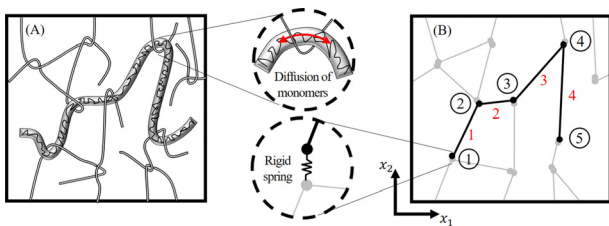
2081



Propagation of internal deformations in dense granular flows

Parisa Shekari, Pierre Rognon* and Benjy Marks

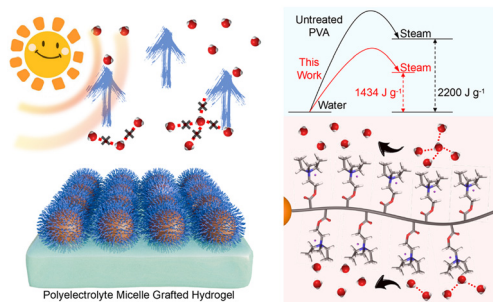
2096



Nonaffine motion and network reorganization in entangled polymer networks

Saleh Assadi, Samuel C. Lamont, Nitin Hansoge, Zhuonan Liu, Victor Crespo-Cuevas, Fay Salmon and Franck J. Vernerey*

2114



Hydrogen-bond disruption in molecularly engineered Janus evaporators for enhanced solar desalination

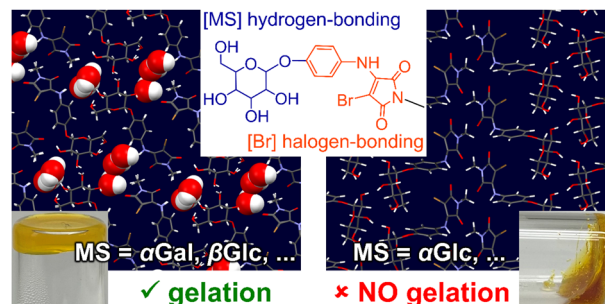
Jie Zhu, Dong Wu, Xiayun Huang,* Daoyong Chen and Zhihong Nie*



2124

Stereoisomerism-dependent gelation and crystal structures of glycosylated *N*-methylbromomaleimide-based supramolecular hydrogels

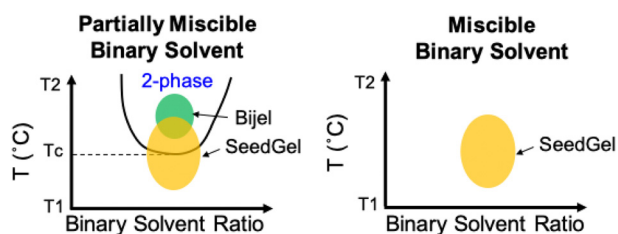
Kotoyo Yamashita, Akitaka Ito,* Masashi Ishida, Yuki Shintani, Masato Ikeda, Shingo Hadano, Masayuki Izumi and Rika Ochi*



2133

Solvent structure controlled SeedGel formation investigated using miscible binary solvents

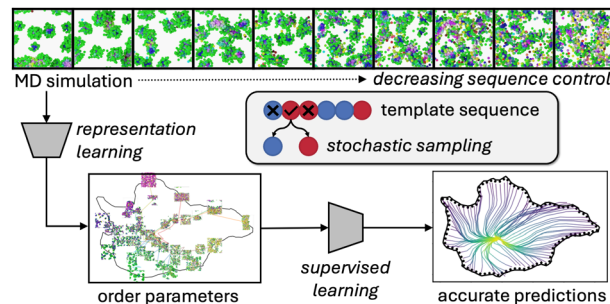
Yuyin Xi,* Ruipeng Li, William T. Heller, Wei-Ren Chen, Kunlun Hong, Aurora A. Zemborain and Yun Liu*



2143

Predicting self-assembly of sequence-controlled copolymers with stochastic sequence variation

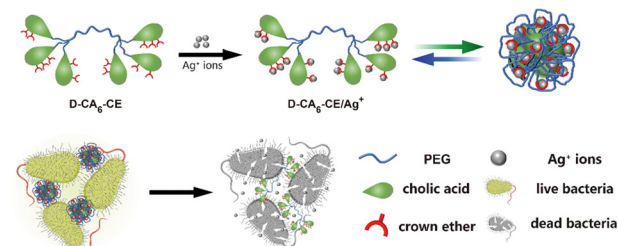
Kaleigh A. Curtis, Antonia Statt and Wesley F. Reinhart*



2152

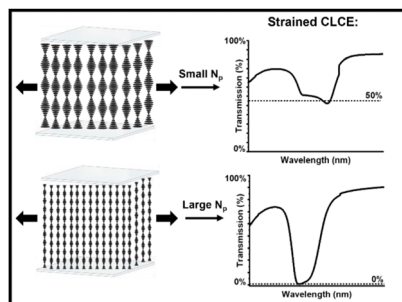
Facially amphiphilic skeleton-derived antibacterial crown ether/silver ion complexes

Qingsheng Wang, Wen Huang, Qian Sun, Mengqi Le, Lili Cai* and Yong-Guang Jia*



PAPERS

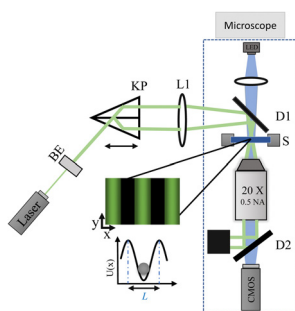
2160



Helical pitch and thickness-dependent opto-mechanical response in cholesteric liquid crystal elastomers

Alexis T. Phillips, Jonathan D. Hoang and Timothy J. White*

2170



Precisely controlled colloids: a playground for path-wise non-equilibrium physics

Cai Dieball, Yasamin Mohebi Satahari, Angel B. Zuccolotto-Bernez, Stefan U. Egelhaaf, Manuel A. Escobedo-Sánchez* and Aljaž Godec*

CORRECTION

2182

Correction: Room-temperature ferroelectric nematic liquid crystal showing a large and diverging density

Charles Parton-Barr, Helen F. Gleeson and Richard J. Mandle*

