Soft Matter

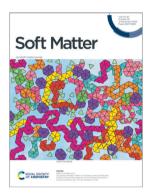
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See Kateri H. DuBay et al., pp. 6702-6713. Image reproduced by permission of Jessica K. Niblo from Soft Matter. 2024, 20, 6702.



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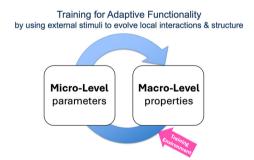
See Tomoharu Terayama and Akira Furukawa. pp. 6714-6722. Image reproduced by permission of Akira Furukawa from Soft Matter. 2024, 20, 6714.

PERSPECTIVE

6695

Training physical matter to matter

Heinrich M. Jaeger,* Arvind Murugan and Sidney R. Nagel

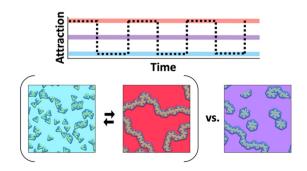


PAPERS

6702

2D capsid formation within an oscillatory energy landscape: orderly self-assembly depends on the interplay between a dynamic potential and intrinsic relaxation times

Jessica K. Niblo, Jacob R. Swartley, Zhongmin Zhang and Kateri H. DuBay*





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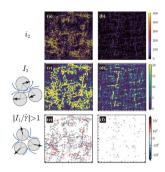


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6714

Heterogeneous solvent dissipation coupled with particle rearrangement in shear-thinning non-Brownian suspensions

Tomoharu Terayama* and Akira Furukawa*



6723

Controlling the thermally-driven crystallization of DNA-coated nanoparticles with formamide

Theodore Hueckel, Seungyeon Woo and Robert J. Macfarlane*

50 °C (Standard) 25 °C (Formamide)

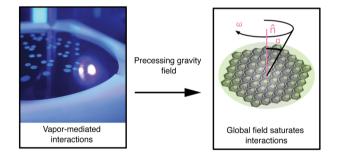
[Formamide]

DNA-Nanoparticle Assembly

6730

Droplet tilings in precessive fields: hysteresis, elastic defects, and annealing

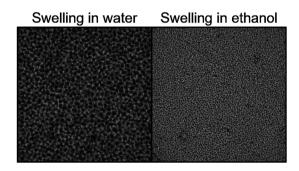
Anton Molina and Manu Prakash*



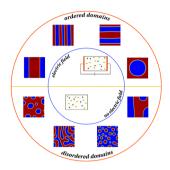
6742

Unconstrained dynamic gel swelling generates transient surface deformations

Alyssa VanZanten, Shih-Yuan Chen, Michelle M. Driscoll and Caroline R. Szczepanski*



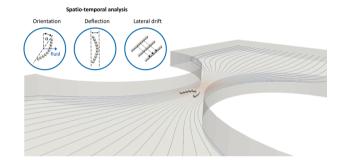
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Ordered patterns in electroactive polymer ionic liquid blends: effect of long range interactions

Ashima Choudhury and Pratyush Dayal*

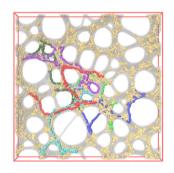
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Transport and clogging dynamics of flexible rods in pore constrictions

Berinike Bräsel, Matthias Geiger, John Linkhorst and Matthias Wessling*

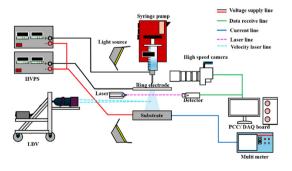
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Stable polydisperse free-standing porous films made by mechanical deformation

Hsiao-Ping Hsu and Kurt Kremer*

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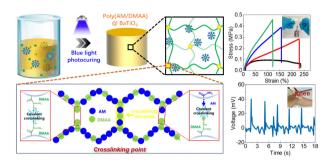
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Ji Yeop Kim, Sang ji Lee, Mun Hee Lee, Jun Yeop Kim and Jung Goo Hong*

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A tough and piezoelectric poly(acrylamide/N,Ndimethylacrylamide) hydrogel-based flexible wearable sensor

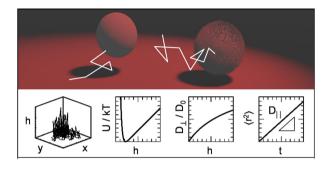
Mingyue Wu, Guohui Wang, Mihan Zhang, Jinchao Li, Chenglong Wang,* Guangdong Sun* and Jinhuan Zheng



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Direct measurements & simplified models of colloidal interactions & diffusion with adsorbed macromolecules

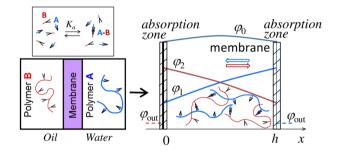
Mikael O. Ellingson and Michael A. Bevan*



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Growth of membranes formed by associating polymers at interfaces

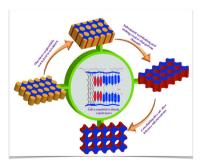
Elena N. Govorun,* Julien Dupré de Baubigny, Patrick Perrin, Mathilde Reyssat, Nadège Pantoustier, Thomas Salez and Cécile Monteux*

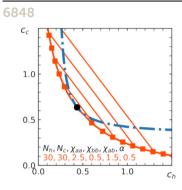


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Ionic nanoporous membranes from self-assembled liquid crystalline brush-like imidazolium triblock copolymers

Iyomali Abeysekera, Reuben Bosire, Francis K. Masese, Dennis Ndaya* and Rajeswari M. Kasi*









Phase separation in soft repulsive polymer mixtures: foundation and implication for chromatin organization

Naoki Iso, Yuki Norizoe and Takahiro Sakaue*