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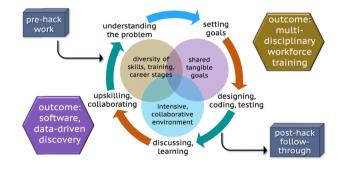
See P. Giefer, S. Köppen-Hannemann et al., pp. 5398-5412. Image reproduced by permission of Patrick Giefer and Susan Köppen-Hannemann from Soft Matter, 2025, **21**, 5398.

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Megan T. Valentine\* and Rae M. Robertson-Anderson\*

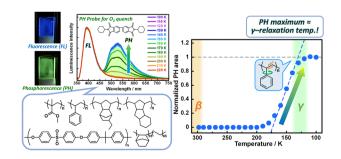


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Precise detection of local relaxation of amorphous polymers at low temperatures via O2 diffusion probed by a dual-luminescent imide compound

Rika Watanabe, Marina Doi, Haonan Liu, Masatoshi Tokita and Shinji Ando\*





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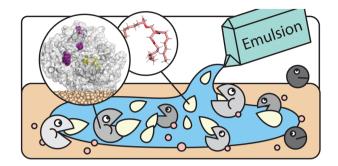
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### Immobilization and interfacial activation of lipase at liquid and solid interfaces

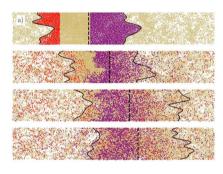
P. Giefer,\* U. Fritsching, L. Colombi Ciacchi and S. Köppen-Hannemann\*



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### Dynamics and rupture of doped motility induced phase separation

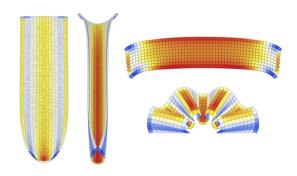
Rodrigo Fernández-Quevedo García,\* Enrique Chacón, Pedro Tarazona and Chantal Valeriani\*



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### Self-limiting states of polar misfits: frustrated assembly of warped-jigsaw particles

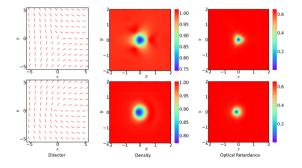
Michael Wang and Gregory M. Grason



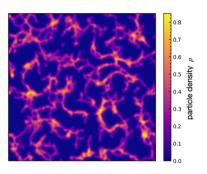
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### Self consistent field theory of isotropic-nematic interfaces and disclinations in a semiflexible molecule nematic

Longyu Qing\* and Jorge Viñals



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### Fluctuation induced network patterns in active matter with spatially correlated noise

Sebastian Fehlinger, Kai Cui, Arooj Sajjad, Heinz Koeppl and Benno Liebchen\*

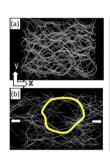
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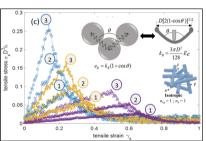


## Capillary-induced adhesive contact dynamics determines dissipation and flow structure in wetted hydrogel packings

Zohreh Farmani, Jing Wang, Ralf Stannarius and Joshua A. Dijksman\*

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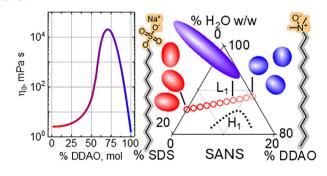




# Micromechanical modelling of cellulose hydrogel composites based on coarse-grained molecular dynamics

Mauricio R. Bonilla, Sridhar K. Kannam, Matthew T. Downton, Monika S. Doblin, Antony Bacic, Michael J. Gidley and Jason R. Stokes\*

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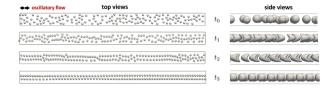
### SANS and rheology of elongated SDS-DDAO mixed micelles near the phase boundary

Luis M. G. Torquato, Gunjan Tyagi, Zain Ahmad, Liva Donina, Najet Mahmoudi, Rebecca Fong, Paul F. Luckham and João T. Cabral\*

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### Oscillatory flow improves hydrodynamic ordering of soft suspensions in rectangular channels

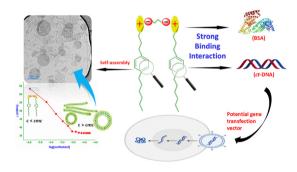
Paul C. Millett



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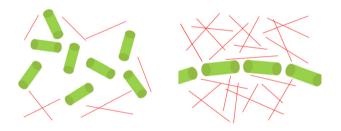
Homen Dahal, Sachin Soren, Shashi Kumar and Joykrishna Dey\*



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Brownian dynamics simulation of the diffusion of rod-like nanoparticles in polymeric gels

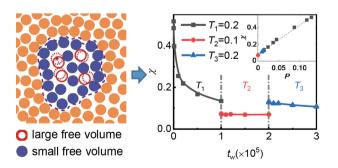
Mohammad-Reza Rokhforouz, Don D. Sin, Sarah Hedtrich and James J. Feng\*



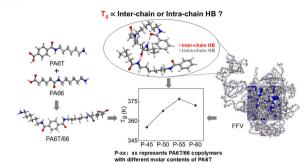
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Unraveling molecular mechanisms of aging dynamics in the Kob-Andersen model: the role of free volume

Yifan Yang, Yuyuan Lu,\* Yaozhang Yang, Xia Wang and Lijia An



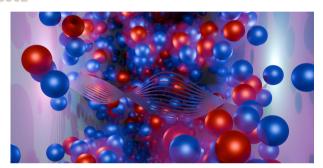
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### Investigating glass transition in a PA6T/66 copolymer through molecular dynamics simulations

Lele Wei, Liping Zhu, Jin Wen\* and Meifang Zhu

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Solvent-induced ion clusters generate long-ranged double-layer forces at high ionic strengths

David Ribar, Clifford E. Woodward and Jan Forsman\*