

# Soft Matter

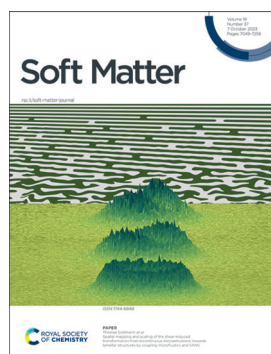
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## IN THIS ISSUE

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### Inside cover

See Antoine Deblais, M. Saad Bhamla *et al.*, pp. 7057–7069. Image reproduced by permission of Saad Bhamla from *Soft Matter*, 2023, 19, 7057.

## REVIEW

7057

### Worm blobs as entangled living polymers: from topological active matter to flexible soft robot collectives

Antoine Deblais,\* K. R. Prathyusha, Rosa Sinaasappel, Harry Tuazon, Ishant Tiwari, Vishal P. Patil and M. Saad Bhamla\*

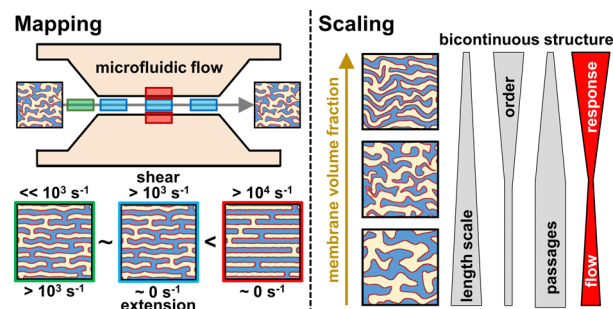


## PAPERS

7070

### Spatial mapping and scaling of the shear-induced transformation from bicontinuous microemulsions towards lamellar structures by coupling microfluidics and SANS

Julian Fischer, Lionel Porcar, João T. Cabral and Thomas Sottmann\*



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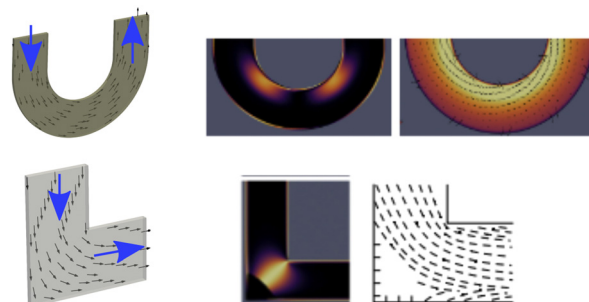
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7084

### Curvature-mediated programming of liquid crystal microflows

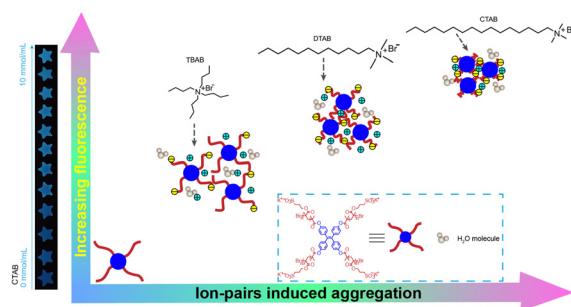
Kamil Fedorowicz,\* Robert Prosser and Anupam Sengupta\*



7093

### Bioinspired simultaneous regulation in fluorescence of AIEgen-embedded hydrogels

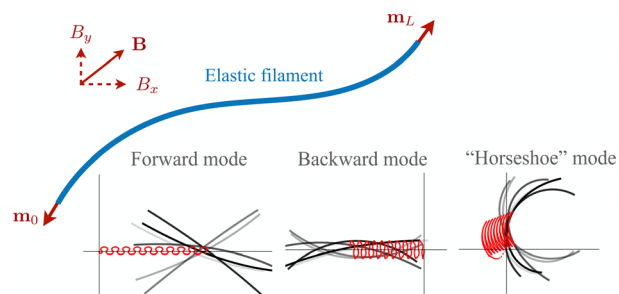
Li-Li Zhang, Yu Zhao, Ke-Xin Li, Sheng-Sheng Yu, Rui-Zhi Dong, Shuan-Hong Ma, Hui Liu,\* Ling-Bao Xing\* and Feng Zhou



7100

### Elastohydrodynamic propulsion of a filament magnetically driven at both ends

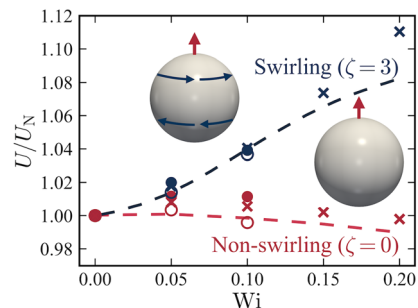
Ali Gürbüz, Ke Qin, Jake J. Abbott\* and On Shun Pak\*



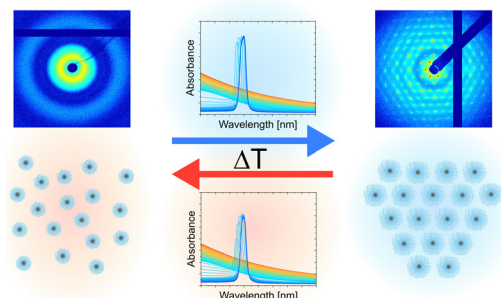
7109

### Direct numerical simulations of a microswimmer in a viscoelastic fluid

Takuya Kobayashi, Gerhard Jung, Yuki Matsuoka, Yasuya Nakayama, John J. Molina and Ryoichi Yamamoto\*



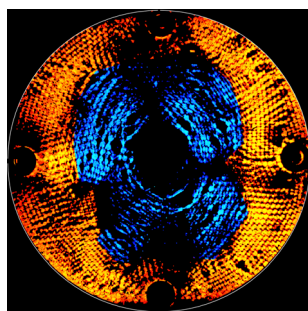
7122



### Fluid–solid transitions in photonic crystals of soft, thermoresponsive microgels

M. Hildebrandt, D. Pham Thuy, J. Kippenberger, T. L. Wigger, J. E. Houston, A. Scotti and M. Karg\*

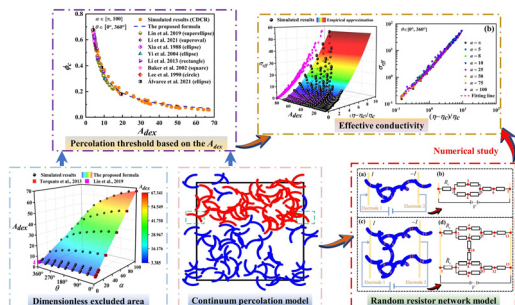
7136



### Crossover from viscous fingering to fracturing in cohesive wet granular media: a photopromechanics study

Yue Meng, Wei Li and Ruben Juanes\*

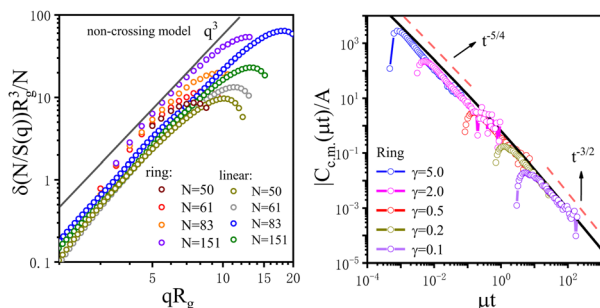
7149



### Percolation threshold and electrical conductivity of conductive polymer composites filled with curved fibers in two-dimensional space

Hui Yuan, Huisu Chen,\* Mingqi Li, Lin Liu and Zhiyong Liu

7161



### Non-Rouse behavior of short ring polymers in melts by molecular dynamics simulations

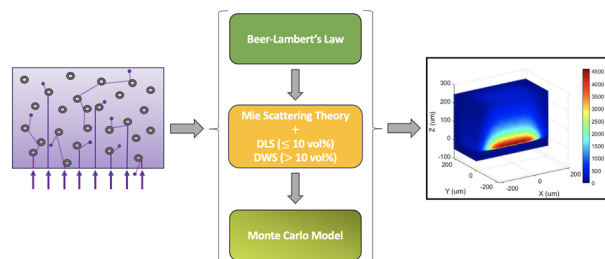
Yedi Li, Pu Yao and Hongxia Guo\*



7172

### Light scattering in a three-phase photosensitive system via Monte Carlo approach

Darshil M. Shah, Joshua P. Morris, Alireza V. Amirkhizi and Christopher. J. Hansen\*

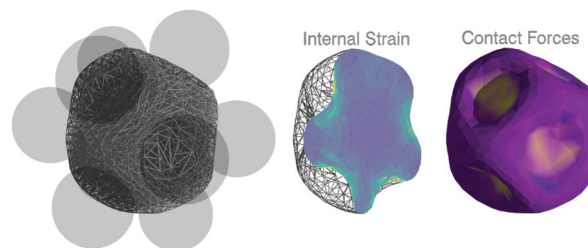


7184

### An energy-optimization method to study gel-swelling in confinement

Chaitanya Joshi, Mathew Q. Giso, Jean-François Louf, Sujit S. Datta and Timothy J. Atherton\*

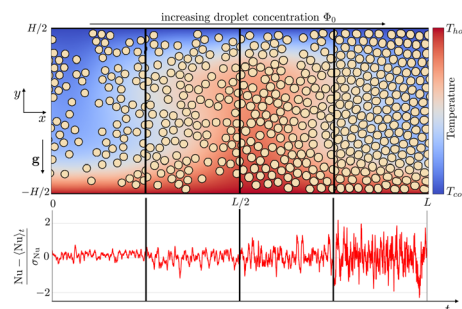
Simulating swollen hydrogels under confinement using *Morpho*



7192

### Analysis of the heat transfer fluctuations in the Rayleigh–Bénard convection of concentrated emulsions with finite-size droplets

Francesca Pelusi,\* Stefano Ascione, Mauro Sbragaglia and Massimo Bernaschi

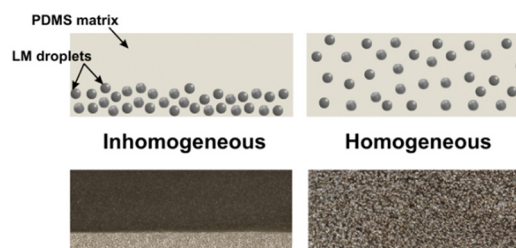


7202

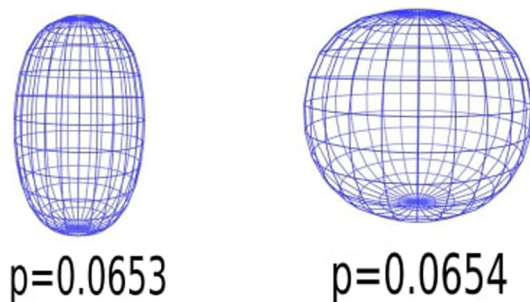
### Homogeneity of liquid metal polymer composites: impact on mechanical, electrical, and sensing behavior

Anh Hoang, Omar Faruqe, Elizabeth Bury, Chanyeop Park and Amanda Koh\*

### Liquid Metal Polymer Composites



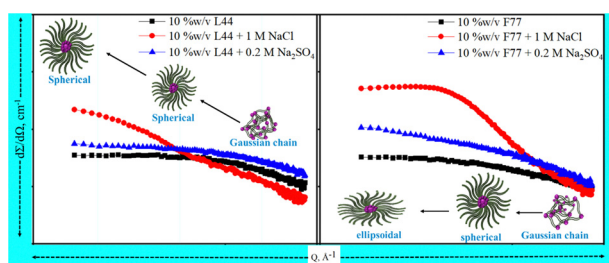
7216



### Shape transitions in a network model of active elastic shells

Ajoy Maji, Kinjal Dasbiswas and Yitzhak Rabin\*

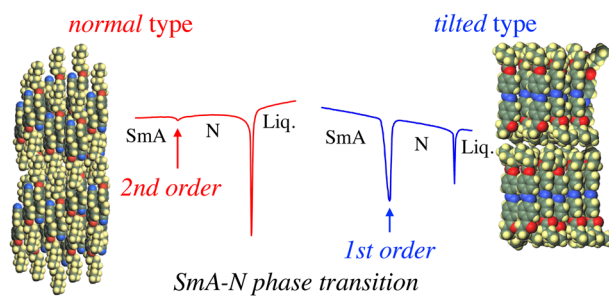
7227



### Salt induced micellization conduct in PEO-PPO-PEO-based block copolymers: a thermo-responsive approach

Nitumani Tripathi, Debes Ray, Vinod K. Aswal, Ketan Kuperkar\* and Pratap Bahadur

7245



### Molecular aggregation in liquid-crystalline layers crucially affects their physics: smectic A (SmA)–nematic (N) phase transition

Yasuhisa Yamamura,\* Mizuki Ito, Kazutaka Sugai, Hiroshi Noda, Zbigniew Galewski and Kazuya Saito

