

Soft Matter

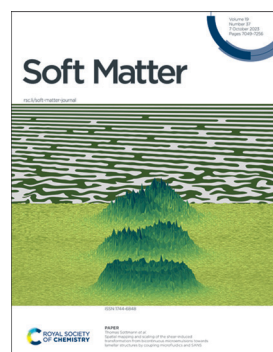
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See Antoine Deblais, M. Saad Bhamla *et al.*, pp. 7057–7069. Image reproduced by permission of Saad Bhamla from *Soft Matter*, 2023, 19, 7057.

REVIEW

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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*

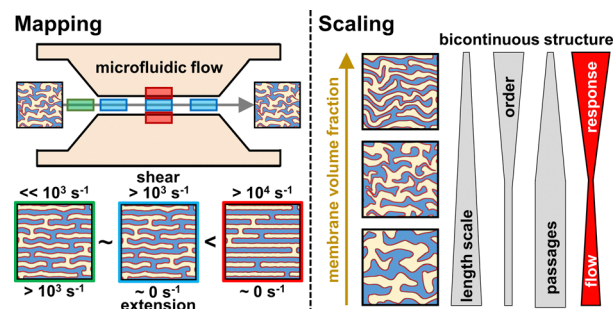


PAPERS

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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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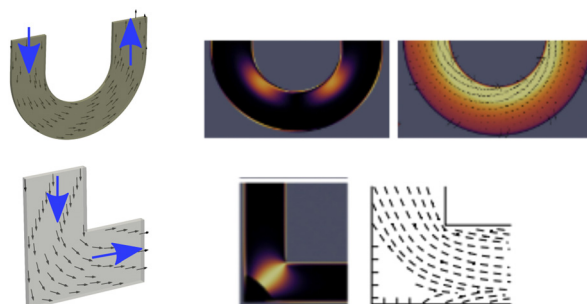


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Curvature-mediated programming of liquid crystal microflows

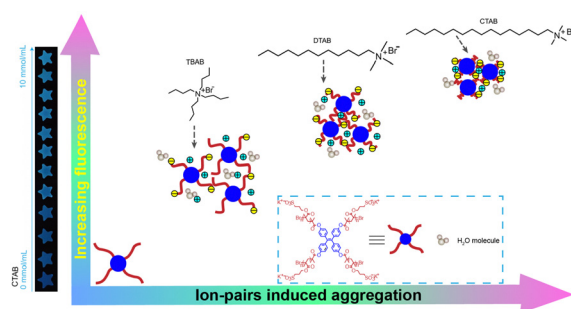
Kamil Fedorowicz,* Robert Prosser and Anupam Sengupta*



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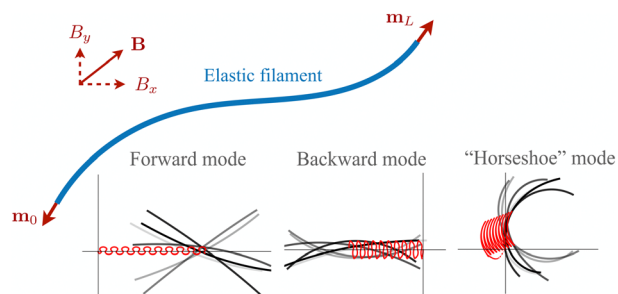
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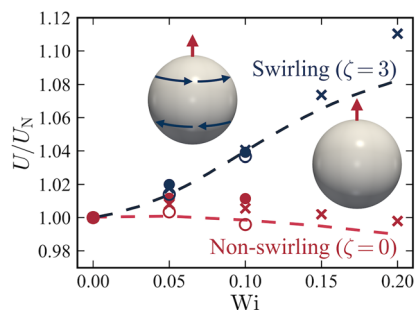
Ali Gürbüz, Ke Qin, Jake J. Abbott* and On Shun Pak*



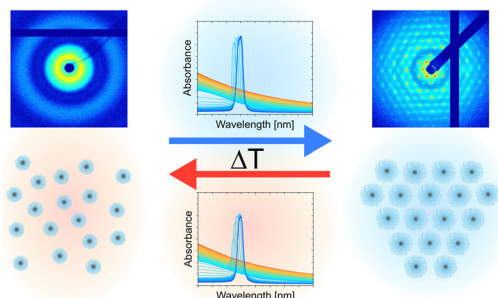
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Direct numerical simulations of a microswimmer in a viscoelastic fluid

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



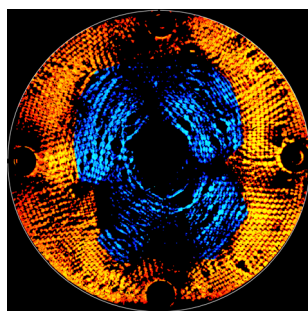
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M. Hildebrandt, D. Pham Thuy, J. Kippenberger, T. L. Wigger, J. E. Houston, A. Scotti and M. Karg*

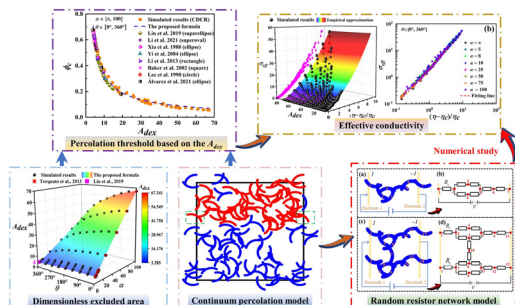
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Crossover from viscous fingering to fracturing in cohesive wet granular media: a photoporomechanics study

Yue Meng, Wei Li and Ruben Juanes*

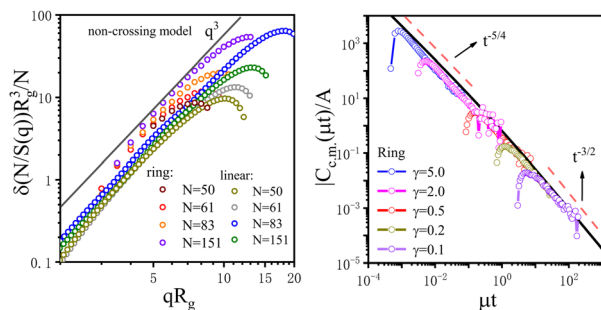
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Hui Yuan, Huisu Chen,* Mingqi Li, Lin Liu and Zhiyong Liu

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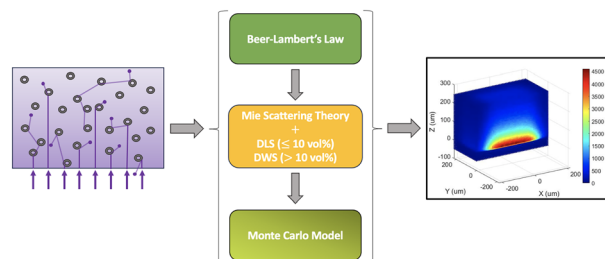
Yedi Li, Pu Yao and Hongxia Guo*



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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*

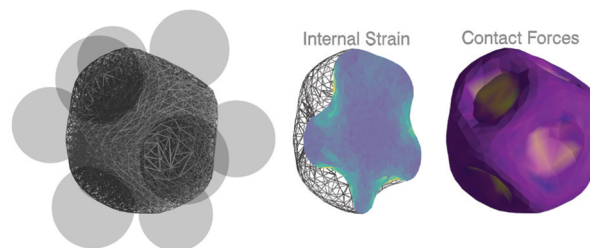


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An energy-optimization method to study gel-swelling in confinement

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

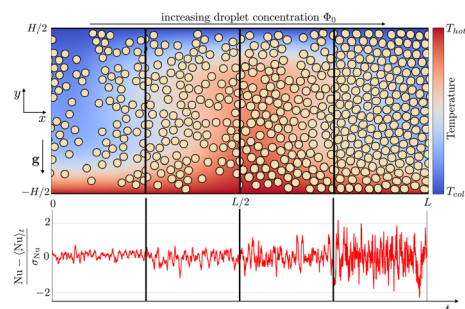
Simulating swollen hydrogels under confinement using *Morpho*



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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

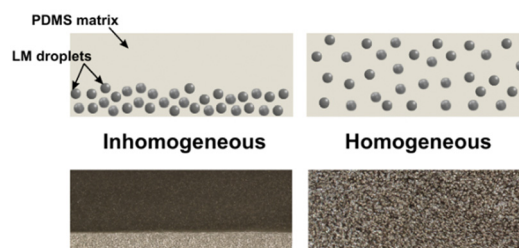


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Homogeneity of liquid metal polymer composites: impact on mechanical, electrical, and sensing behavior

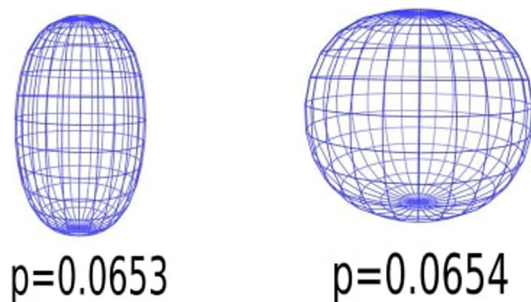
Anh Hoang, Omar Faruqe, Elizabeth Bury, Chanyeop Park and Amanda Koh*

Liquid Metal Polymer Composites



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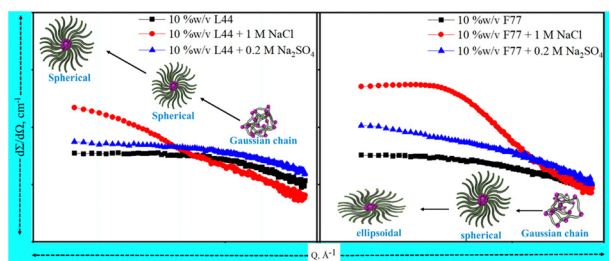
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Ajoy Maji, Kinjal Dasbiswas and Yitzhak Rabin*

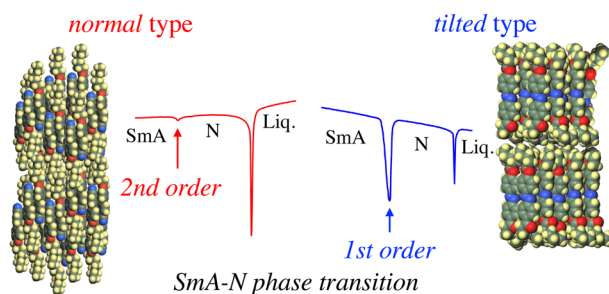
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Salt induced micellization conduct in PEO-PPO-PEO-based block copolymers: a thermo-responsive approach

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

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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

