

Soft Matter

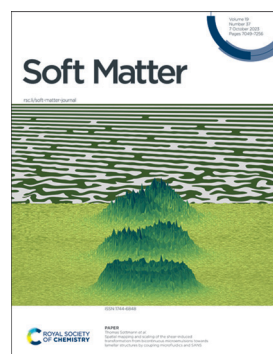
Where physics meets chemistry meets biology for fundamental soft matter research

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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*

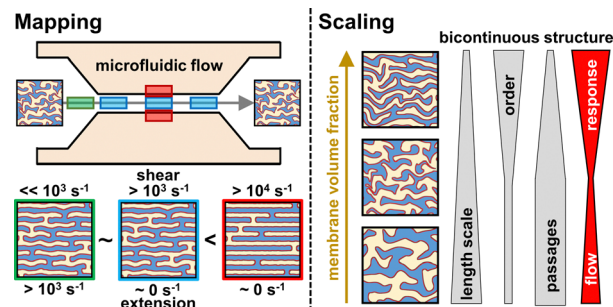


PAPERS

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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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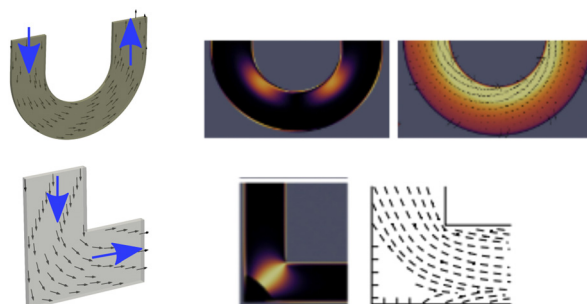


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Curvature-mediated programming of liquid crystal microflows

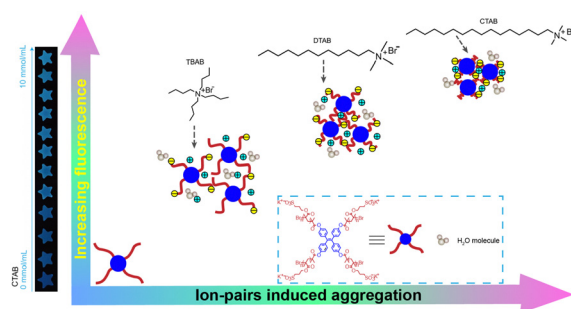
Kamil Fedorowicz,* Robert Prosser and Anupam Sengupta*



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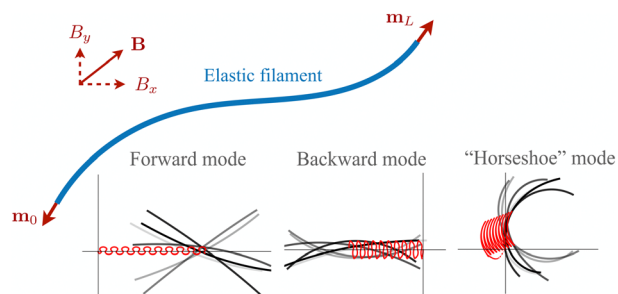
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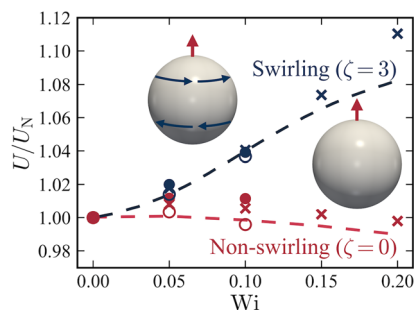
Ali Gürbüz, Ke Qin, Jake J. Abbott* and On Shun Pak*



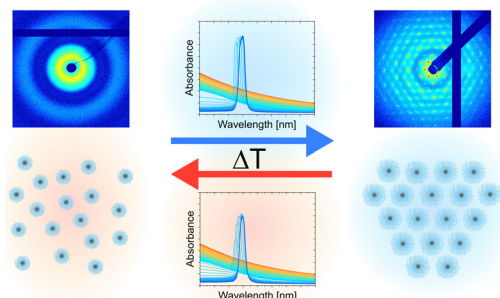
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Direct numerical simulations of a microswimmer in a viscoelastic fluid

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



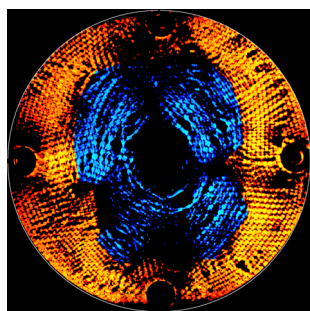
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M. Hildebrandt, D. Pham Thuy, J. Kippenberger, T. L. Wigger, J. E. Houston, A. Scotti and M. Karg*

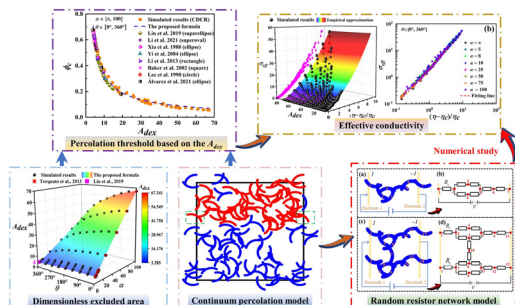
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Yue Meng, Wei Li and Ruben Juanes*

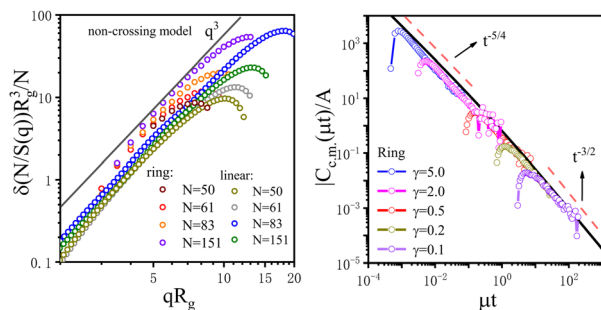
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Hui Yuan, Huisu Chen,* Mingqi Li, Lin Liu and Zhiyong Liu

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Yedi Li, Pu Yao and Hongxia Guo*

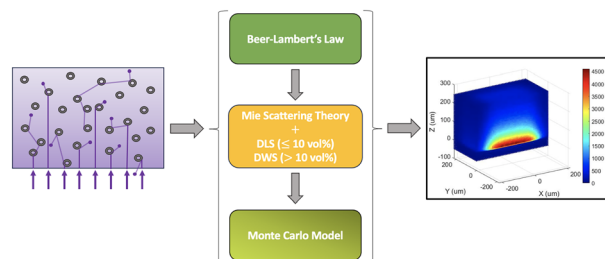


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Light scattering in a three-phase photosensitive system via Monte Carlo approach

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

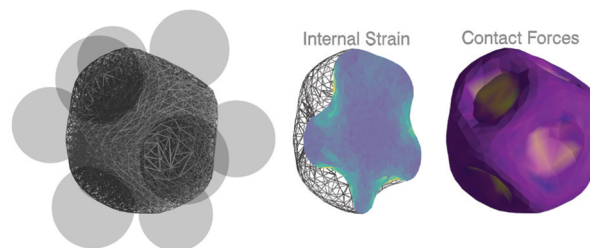


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Chaitanya Joshi, Mathew Q. Giso, Jean-François Louf, Sujit S. Datta and Timothy J. Atherton*

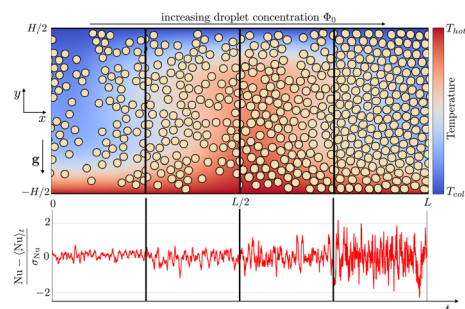
Simulating swollen hydrogels under confinement using *Morpho*



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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

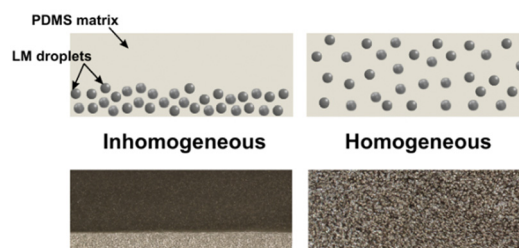


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Homogeneity of liquid metal polymer composites: impact on mechanical, electrical, and sensing behavior

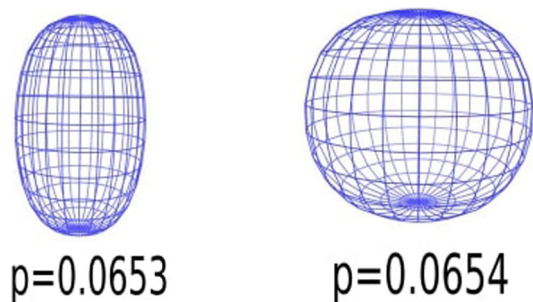
Anh Hoang, Omar Faruqe, Elizabeth Bury, Chanyeop Park and Amanda Koh*

Liquid Metal Polymer Composites



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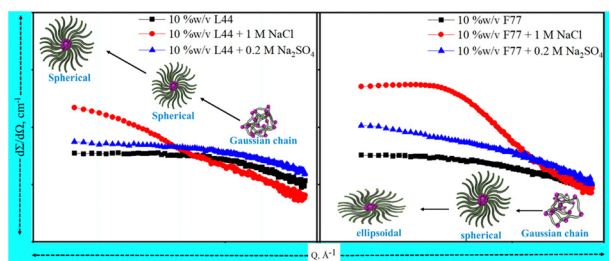
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Ajoy Maji, Kinjal Dasbiswas and Yitzhak Rabin*

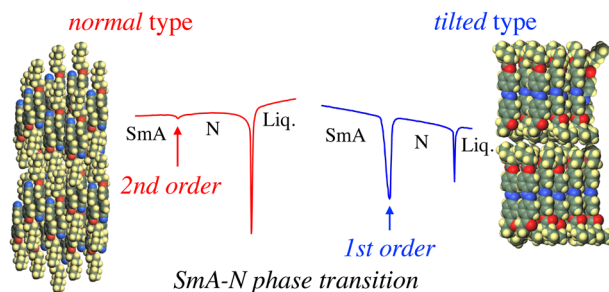
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Nitumani Tripathi, Debes Ray, Vinod K. Aswal, Ketan Kuperkar* and Pratap Bahadur

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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

