

Soft Matter

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See Douglas G. Hayes, Sai Venkatesh Pingali *et al.*, pp. 6109–6119. Image reproduced by permission of Phoenix Pleasant; Oak Ridge Laboratory (ORNL) from *Soft Matter*, 2024, 20, 6109.



Inside cover

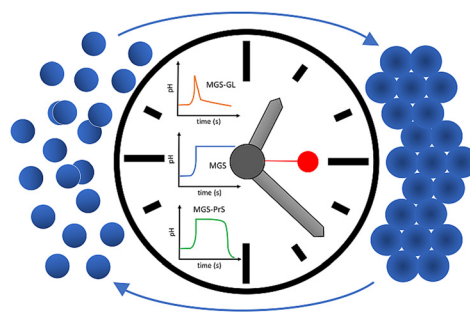
See Ken Yamamoto *et al.*, pp. 6120–6130. Image reproduced by permission of Ken Yamamoto from *Soft Matter*, 2024, 20, 6120.

TUTORIAL REVIEW

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Methylene glycol-sulfite pH-clocks for the time-programming of soft materials: advantages, limitations, and yet unexplored opportunities

Guido Panzarasa

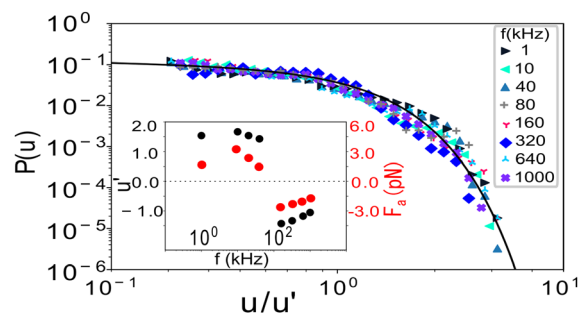


COMMUNICATION

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Power-law intermittency in the gradient-induced self-pulsion of colloidal swimmers

Nick Oikonomeas-Koppas, * Stefania Ketzetzi, Daniela J. Kraft and Peter Schall



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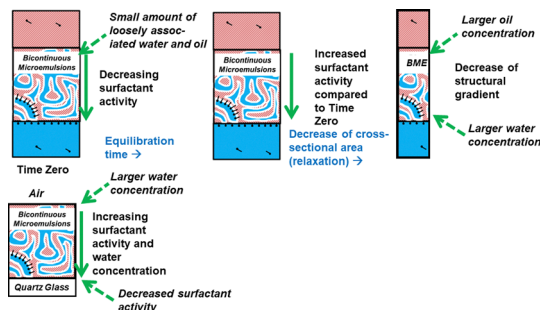
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6109

Effect of equilibration time on the structural gradient in the vertical direction for bicontinuous microemulsions in Winsor-III and -IV systems

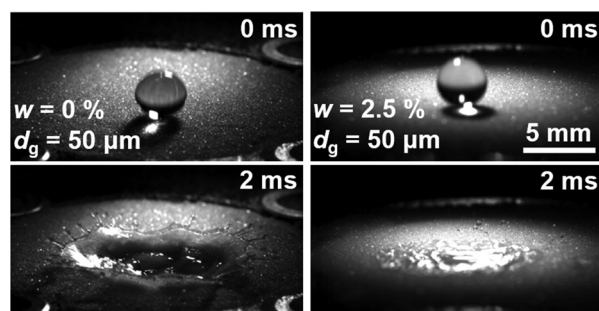
Douglas G. Hayes,* Brian A. Barth and Sai Venkatesh Pingali*



6120

Drop impact on wet granular beds: effects of water-content on cratering

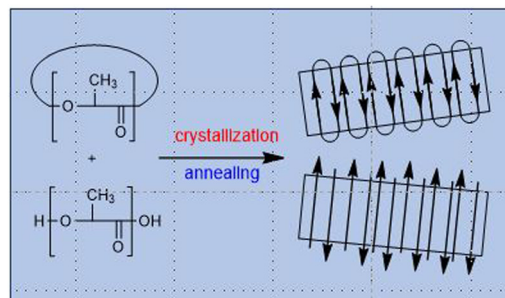
Wei Zhang, Hiroaki Katsuragi and Ken Yamamoto*



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Low molar mass cyclic poly(L-lactide)s: separate transesterification reactions of cycles and linear chains in the solid state

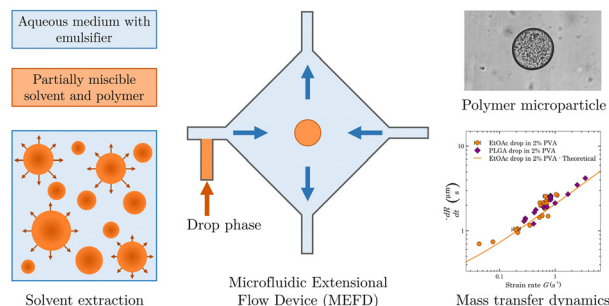
Hans R. Kricheldorf* and Steffen M. Weidner



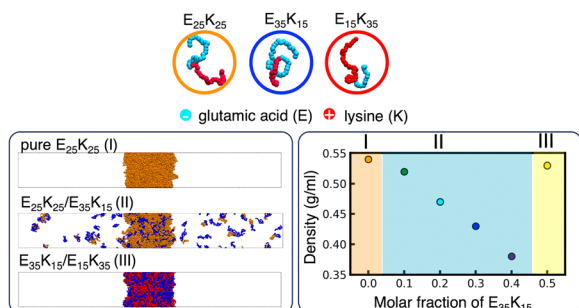
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Microfluidic extensional flow device to study mass transfer dynamics in the polymer microparticle formation process

Suryavarshini Sundar, Ghata Nirmal, Suraj Borkar, Sachin Goel, Karthik Ramachandran, Ransom Kochhar, Eric J. Hukkanen, Renato A. Chiarella and Arun Ramachandran*



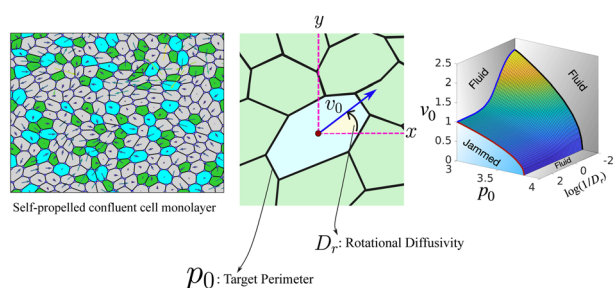
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Effects of charge asymmetry on the liquid–liquid phase separation of polyampholytes and their condensate properties

Yaxin An,* Tong Gao, Tianyi Wang, Donghui Zhang and Bhuvnesh Bharti

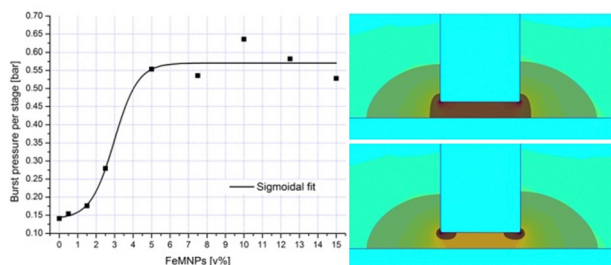
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Motility driven glassy dynamics in confluent epithelial monolayers

Souvik Sadhukhan,* Manoj Kumar Nandi, Satyam Pandey, Matteo Paoluzzi, Chandan Dasgupta, Nir S. Gov and Saroj Kumar Nandi*

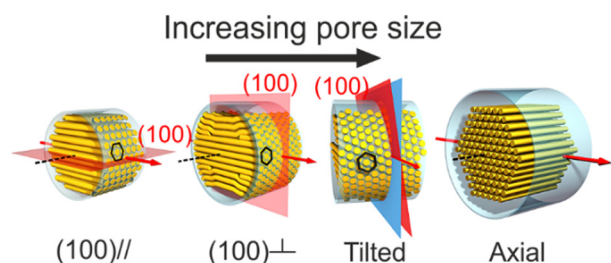
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High magnetization composite magnetic fluid: structure, magnetorheology and new sealing mechanism in rotating seals

Daniela Susan-Resiga, Vlad-Mircea Socoliuc,* István Borbáth, Tünde Borbáth, Septimiu Casian Tripon, Florica Bălănean and Ladislau Vékás*

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Orientational transitions of discotic columnar liquid crystals in cylindrical pores

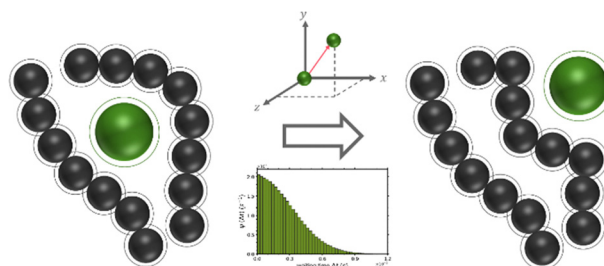
Rui-bin Zhang,* Marco A. Grunwald, Xiang-bing Zeng,* Sabine Laschat, Andrew N. Cammidge and Goran Ungar*



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A Monte Carlo simulation of tracer diffusion in amorphous polymers

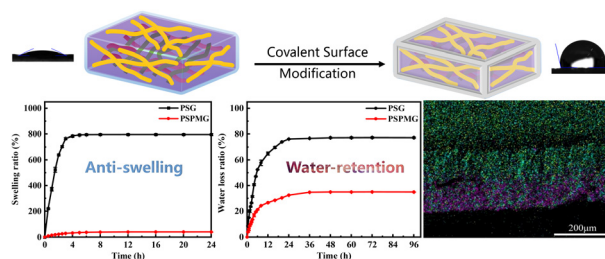
Ali Mansuri, Paras Vora, Tim Feuerbach, Judith Winck, A. W. P. Vermeer, Werner Hoheisel, Jan Kierfeld and Markus Thommes*



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A novel strategy to construct hydrogels with anti-swelling and water-retention abilities by covalent surface modification

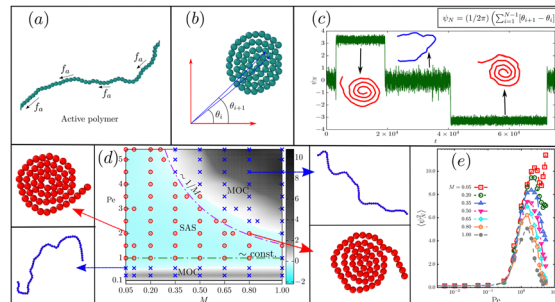
Peng Yu, Yanru Zhao, Xinjin Li, Huijuan Lin, Shasha Song, Xiangye Li* and Yunhui Dong



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Inertia and activity: spiral transitions in semi-flexible, self-avoiding polymers

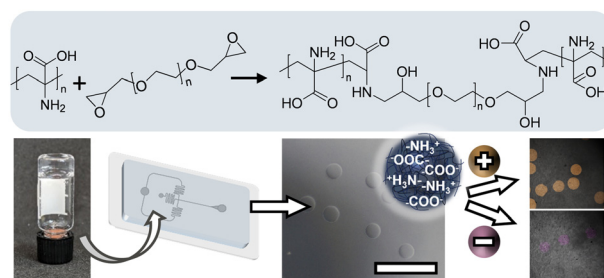
Chitrak Karan, Abhishek Chaudhuri and Debasish Chaudhuri*



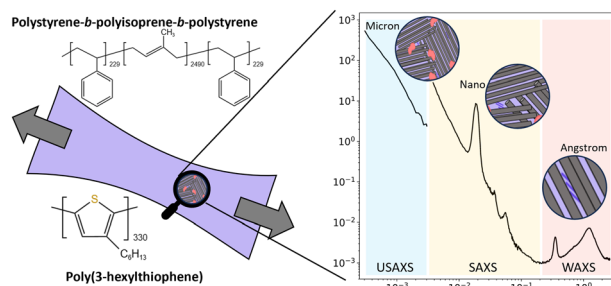
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Engineering poly(dehydroalanine)-based gels via droplet-based microfluidics: from bulk to microspheres

Hannah F. Mathews, Tolga Çeper, Tobias Speen, Céline Bastard, Selin Bulut, Maria I. Pieper, Felix H. Schacher, Laura De Laporte and Andrij Pich*



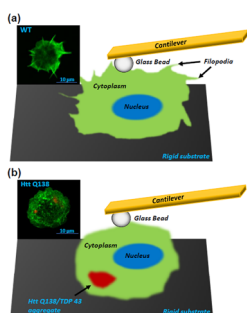
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Morphology of poly-3-hexyl-thiophene blends with styrene-isoprene-styrene block-copolymer elastomers from X-ray and neutron scattering

Sage C. Scheiwiller, Jitendra P. Mata and Lilo D. Pozzo*

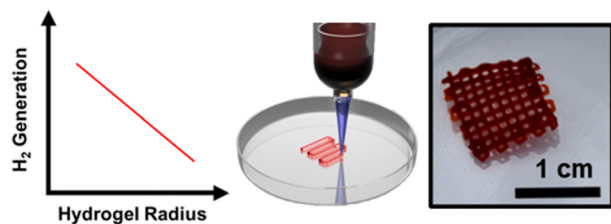
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Soft glassy rheology of single cells with pathogenic protein aggregates

Shatruhan Singh Rajput, Surya Bansi Singh, Deepa Subramanyam* and Shivprasad Patil*

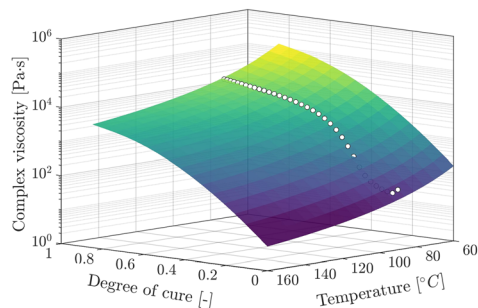
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Biopolymer-supramolecular polymer hybrids for photocatalytic hydrogen production

Jacob E. Kupferberg, Zois Syrgiannis, Luka Đorđević, Eric P. Bruckner, Tyler J. Jaynes, Hakim H. Ha, Evan Qi, Kristen S. Wek, Adam J. Dannenhoffer, Nicholas A. Sather, H. Christopher Fry, Liam C. Palmer and Samuel I. Stupp*

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Thermo-rheological and kinetic characterization and modeling of an epoxy vitrimer based on polyimine exchange

Niklas Lorenz,* William E. Dyer and Baris Kumru



CORRECTION

6302

Correction: Structure formation of PNIPAM microgels in foams and foam films

Matthias Kühnhammer, Kevin Gräff, Edwin Loran, Olaf Soltwedel, Oliver Löhmann, Henrich Frielinghaus and Regine von Klitzing*

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