

# Soft Matter

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See Pablo Palacios-Alonso *et al.*, pp. 8929–8944.

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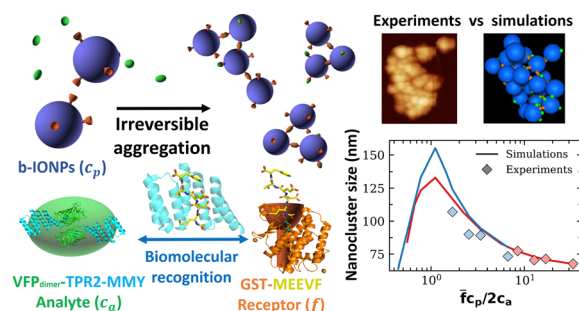
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## PAPERS

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### Predicting the size and morphology of nanoparticle clusters driven by biomolecular recognition

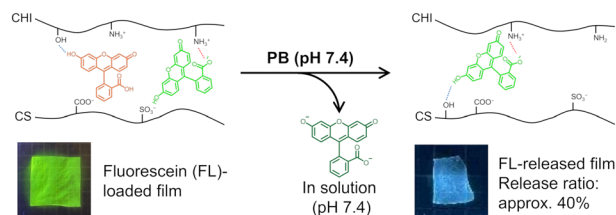
Pablo Palacios-Alonso,\* Elena Sanz-de-Diego, Raúl P. Peláez, A. L. Cortajarena, F. J. Teran and Rafael Delgado-Buscalioni



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### The pH responsiveness of fluorescein loaded in polysaccharide composite films

Konatsu Takagi, Takuya Sagawa and Mineo Hashizume\*



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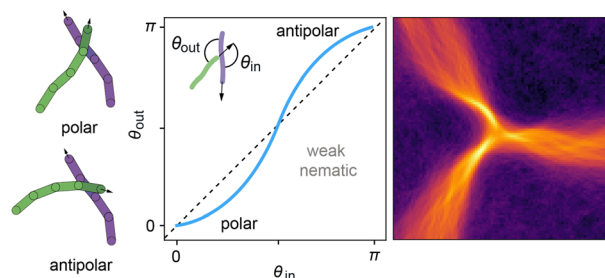


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**Hierarchical defect-induced condensation in active nematics**

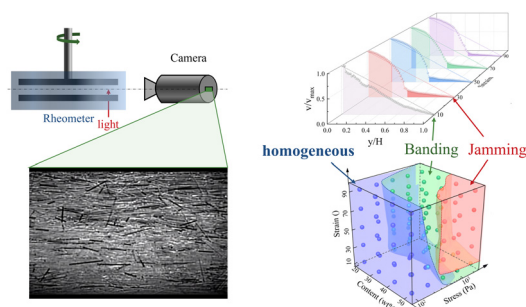
Timo Krüger, Ivan Maryshev and Erwin Frey\*



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**Role of confinement in the shear banding and shear jamming in noncolloidal fiber suspensions**

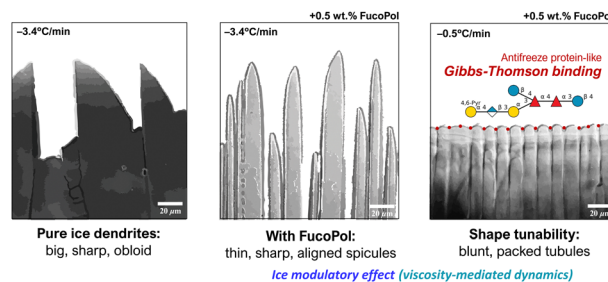
Benke Li, Wei You, Sijun Liu, Li Peng, Xianbo Huang\* and Wei Yu\*



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**Ice modulatory effect of the polysaccharide FucoPol in directional freezing**

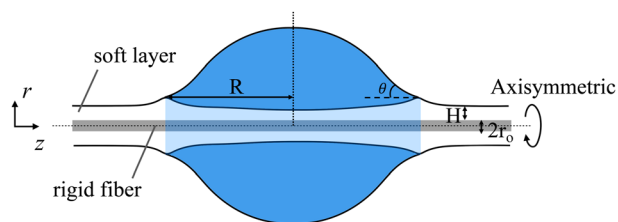
Bruno M. Guerreiro, Leo T. Lou, Boris Rubinsky\* and Filomena Freitas\*



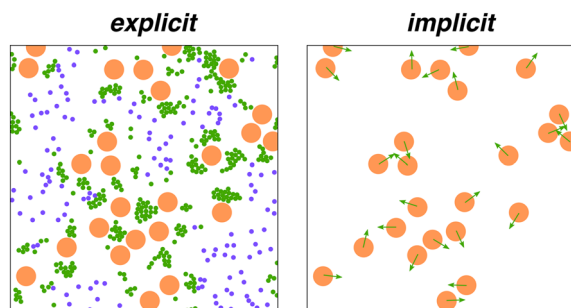
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**Static wetting of a barrel-shaped droplet on a soft-layer-coated fiber**

Bo Xue Zheng, Christian Pedersen, Andreas Carlson and Tak Shing Chan\*



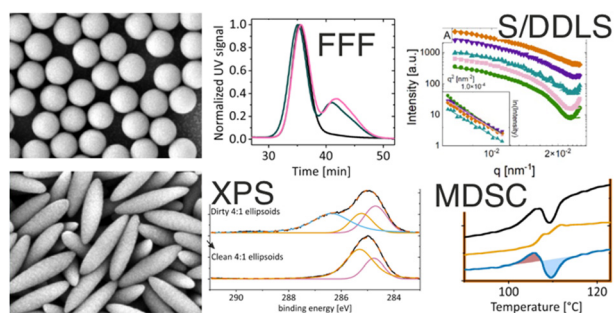
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### Isotropic active colloids: explicit vs. implicit descriptions of propulsion mechanisms

Jeanne Decayeux, Jacques Fries, Vincent Dahirel, Marie Jardat and Pierre Illien

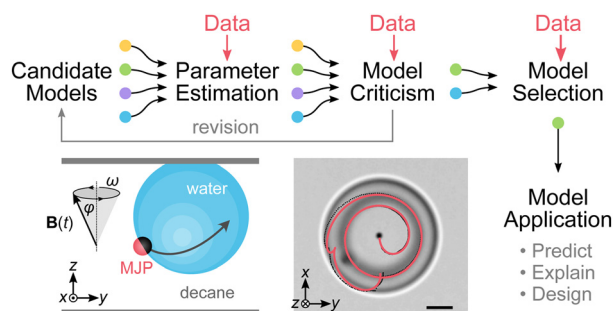
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### Prolate spheroidal polystyrene nanoparticles: matrix assisted synthesis, interface properties, and scattering analysis

Dominik Benke, Tanja Feller, Marcel Krüsmann, Anna M. Neuhöfer, Friederike Ganster, Matthias Karg and Markus Retsch\*

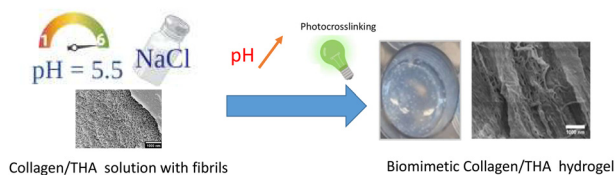
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Dimitri Livitz, Kiran Dhatt-Gauthier and Kyle J. M. Bishop\*

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Stéphanie De Oliveira, Gregor Miklosic, Joëlle Veziers, Sébastien Grastilleur, Thibaud Coradin, Catherine Le Visage, Jérôme Guicheux, Matteo D'Este and Christophe Hélary\*

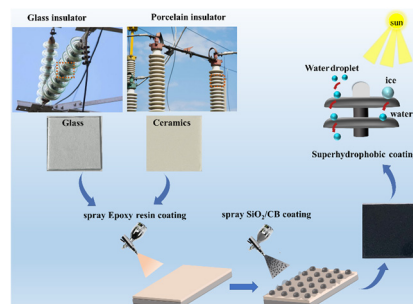


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# Preparation and performance of anti-icing and deicing PF-POS@SiO<sub>2</sub>/CB photothermal superhydrophobic coatings for electrical insulators

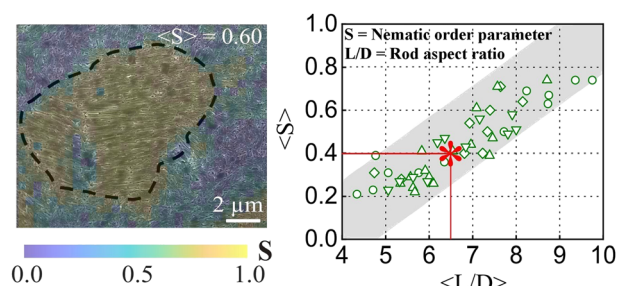
Minchao Zheng, Cheng Zhou, Qinpei Liu, Xia Li, Yuxin Yang, Yan Sun, Zhenyu Zhu, Yanyan Huang\* and Qinghua Zhou\*



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# Quantifying nematic order in the evaporation-driven self-assembly of halloysite nanotubes: nematic islands and the critical aspect ratio

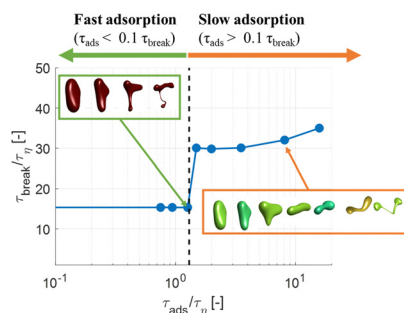
Arun Dadwal, Meenu Prasher,\* Pranesh Sengupta and Nitin Kumar\*



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# Emulsifier adsorption kinetics influences drop deformation and breakup in turbulent emulsification

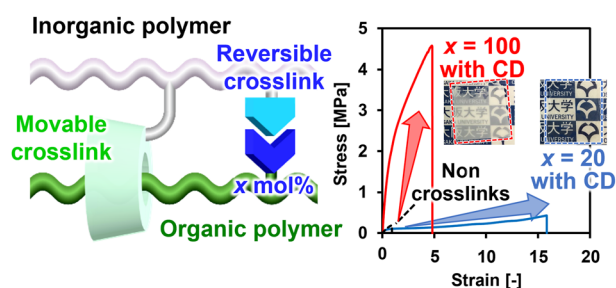
Andreas Håkansson\* and Lars Nilsson



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# Enhancement of the mechanical properties of organic–inorganic hybrid elastomers by introducing movable and reversible crosslinks

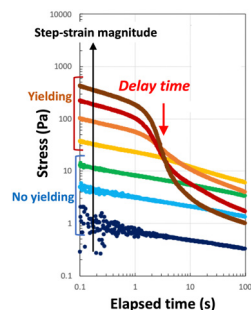
Naoki Yamashita, Kenji Yamaoka, Ryohei Ikura, Daichi Yoshida, Junsu Park, Nobu Kato, Masanao Kamei, Kentaro Ogura, Minoru Igarashi, Hideo Nakagawa and Yoshinori Takashima\*





## PAPERS

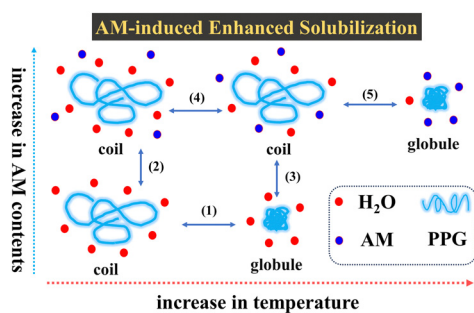
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## Stress-independent delay time in yielding of dilute colloidal gels

Atsushi Yamamoto, Takumi Inui, Daisuke Suzuki\* and Kenji Urayama\*

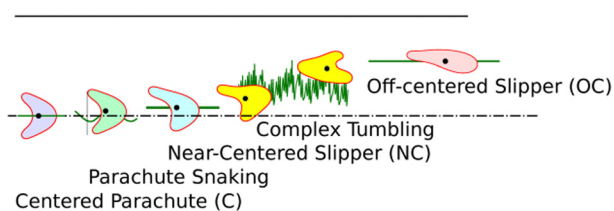
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## Acrylamide-induced enhanced solubilization of poly(propylene glycol) in aqueous solution

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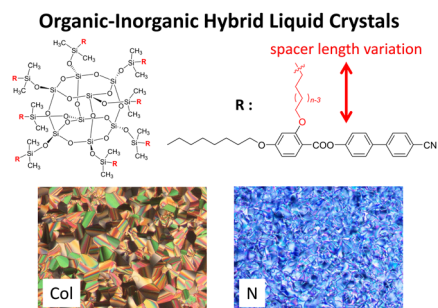
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## Dynamics and rheology of vesicles under confined Poiseuille flow

Zhe Gou, Hengdi Zhang, Abdessamad Nait-Ouhra, Mehdi Abbasi, Alexander Farutin and Chaouqi Misbah\*

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## Synthesis and mesomorphic properties of "side-on" hybrid liquid crystalline silsesquioxanes

Kosuke Kaneko,\* Atsuhiko Mandai, Benoît Heinrich, Bertrand Donnio and Tomonori Hanasaki

