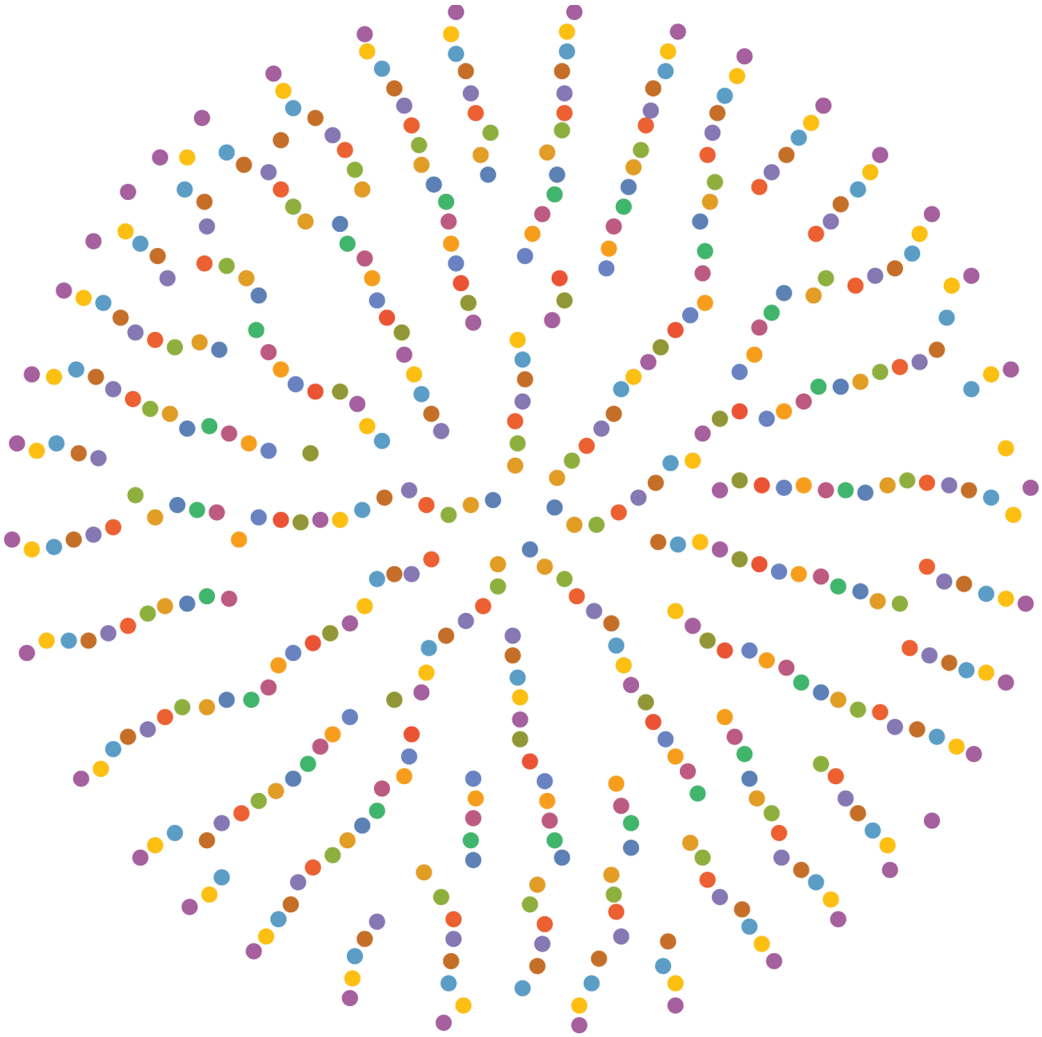

Highlighting research results from the University of Colorado, Boulder, USA

Capillary rupture of suspended polymer concentric rings

The correlated capillary instability amongst polymer concentric rings suspended on viscous medium was studied. Three modes of instability were identified: non-correlated, out-of-phase and in-phase. Most interestingly, the in-phase mode exhibited a fractal-like pattern (shown here). This pattern was attributed to frustrated capillary rupture in concentric ring geometry; a scaling law was developed to account for this behaviour.

As featured in:

See Zheng Zhang, Yifu Ding *et al.*, *Soft Matter*, 2015, **11**, 7264.

ROYAL SOCIETY OF CHEMISTRY

www.softmatter.org

Registered charity number: 207890