

# Special Issue

## Polymer Translocation

### Message from the Guest Editors

Passage of a biopolymer across a narrow pore is ubiquitous in the cellular biological world. In the mid-1990s, it was recognized that engineering this phenomenon had great potential, most notably to innovate a new generation of DNA sequencers. This discovery opened up an exciting field of research at the border between soft matter and biological sciences. Since then, polymer translocation research has evolved in many directions and has currently become a truly interdisciplinary field that encompasses statistical and computational physics, biological, soft matter and polymer physics, nonlinear and non-equilibrium dynamics, stochastic processes, etc. The Special Issue will cover a number of important and open topics related to polymer translocation, including driven and spontaneous translocation, influence of hydrodynamic and electrostatic interactions, alternate translocation schemes for sequencing, and dynamics of polymers under external forcing.

### Guest Editors

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### Deadline for manuscript submissions

closed (25 November 2018)



## Polymers

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Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.9.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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