

Symposium The Collapsed State of Polymers: From Physical Concepts to Applications and Biological Systems (SYCP)

jointly organized by
the Chemical and Polymer Physics Division (CPP),
the Biological Physics Division (BP), and
the Dynamics and Statistical Physics Division (DY)

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This symposium covers the connections between basic polymer science and biology. It is followed by a regular session with contributed and one invited talks.

Overview of Invited Talks and Sessions

(Lecture room: HSZ 02)

Invited Talks

SYCP 1.1	Thu	9:30–10:00	HSZ 02	Why do polymer collapse and polymer topology frustrate each other — ●ALEXANDER Y. GROSBERG
SYCP 1.2	Thu	10:00–10:30	HSZ 02	Nanoscopy of nuclear Genome Structure — ●CHRISTOPH CREMER
SYCP 1.3	Thu	10:30–11:00	HSZ 02	Blood Clotting Inspired Polymer Physics — ●ALFREDO ALEXANDER-KATZ
SYCP 1.4	Thu	11:15–11:45	HSZ 02	Modeling dynamic spatial genome organization in yeast — ●CHRISTOPHE ZIMMER
SYCP 1.5	Thu	11:45–12:15	HSZ 02	Ring polymers in the melt state: the physics of crumpling — ●RALF EVERAERS, ANGELO ROSA

Sessions

SYCP 1.1–1.5	Thu	9:30–12:15	HSZ 02	The Collapsed State of Polymers: From Physical Concepts to Applications and Biological Systems (CPP, BP, DY)
SYCP 2.1–2.8	Thu	15:00–17:30	ZEU 250	The Collapsed State of Polymers: From Physical Concepts to Applications and Biological Systems (contributed session)