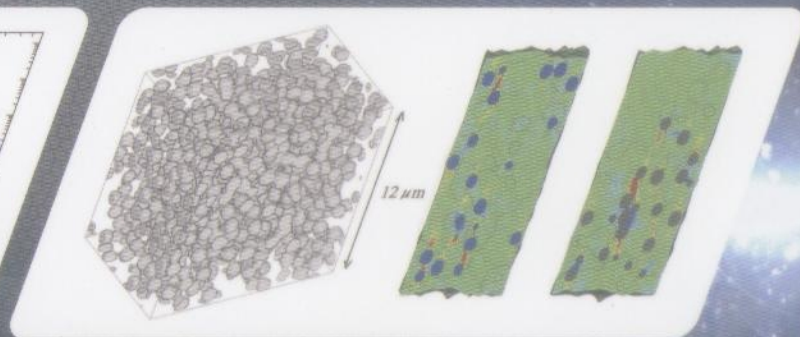
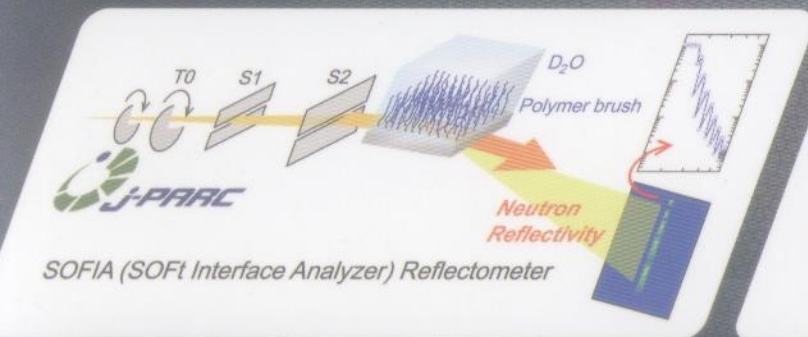
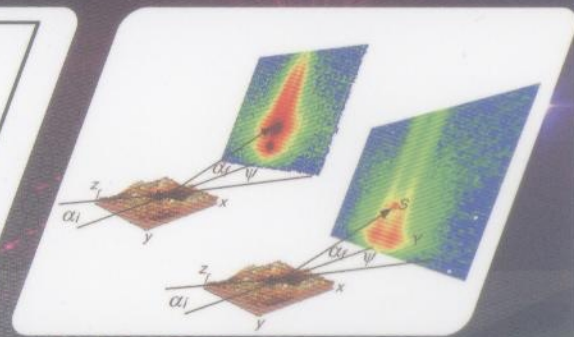
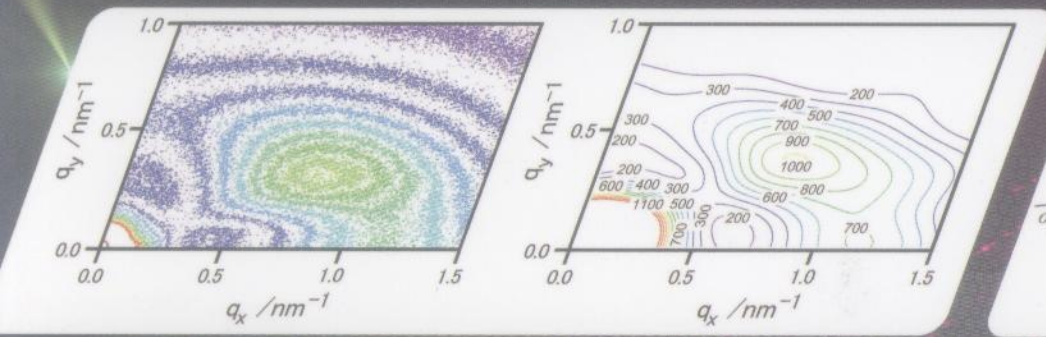


# Polymer Journal

Volume 45 Number 1

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Special Issue: Application of Quantum Beams to Polymer Science and Engineering

A new insight into the mixing thermodynamics of polyolefins

Peering into the interfaces of nanoconfined polymer thin films

The pros and cons of grazing incidence small angle neutron scattering


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# Polymer Journal

Volume 45, Number 1, January 2013

Special Issue: Application of Quantum Beams to Polymer Science and Engineering

The January 2013 issue of *Polymer Journal* is a special issue on Application of Quantum Beams to Polymer Science and Engineering, featuring specially-solicited papers including three review articles. We would like to thank guest editors Professor Toshiji Kanaya and Professor Kazuo Sakurai, and special issue editor Professor Atsushi Takahara for their support with the planning and coordination of this issue.

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Application of Quantum Beams to Polymer Science and Engineering: Assorted figures from the papers specially solicited for the Special Issue. Figures (From top left); Uniaxial Deformation of PET (Okada *et al.*), Principle of GISANS (Müller-Buschbaum), Neutron reflectometer SOFIA (Mitamura *et al.*), Zernike-type phase contrast X-ray imaging (Kishimoto *et al.*).



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