## ADVANCED FUNCTIONAL MATERIALS

X-Ray Beam

Jonomer film

GOLD

## **POLYMER PHYSICS**

lonomer thin-films exhibit structural and associated water-uptake changes as they are confined. Depending on the substrate and thickness, the morphology is altered with thinner films showing less phase separation and more anisotropy on gold than on carbon. These effects are probed on page 4763 by A. Z. Weber and co-workers using grazing-incidence small-angle X-ray scattering.