

## Accepted Manuscript

Title: Characterizing morphology in organic systems with resonant soft X-ray scattering

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## Highlights

- A brief history of the development of R-SoXS for studying soft matter systems
- A theoretical background and an overview of analysis methodology
- Applications to block copolymers, organic electronics, and biological systems
- A discussion of emerging applications and an outlook on the future of R-SoXS

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