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## Press release

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**Photograph:** Professor Tam and his research group with the BI-200SM goniometer

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### **Nanyang chooses Brookhaven for the characterization of complex systems**

The School of Mechanical and Production Engineering at Nanyang Technological University, Singapore, uses a Brookhaven Instruments 200SM goniometer with 9000AT autocorrelator to characterize complex systems, such as block copolymers, associative polymers and surfactant systems.

Michael KC Tam, Associate Professor at the School, said: "The goal of our work is to correlate the microstructure of these systems, determined from static and dynamic light scattering, with the macroscopic properties. This comprehensive set of complimentary equipment and accessories has enabled us to obtain good, reliable light scattering data for understanding the microstructure of complex systems."

He continued: "The 200SM goniometer system is one of the workhorses of our research group. The alignment system, the neutral density filters - which reduce intensity when studying systems that change phases under different conditions - and the filtration system are among the most important features of the instrument that make it especially suitable for our work."

more.....

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Professor Tam concluded: "We evaluated instruments from other suppliers but decided on Brookhaven because of the price, the outstanding features and the excellent service support. Compared to many other equipment suppliers, I rank Brookhaven very highly."

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