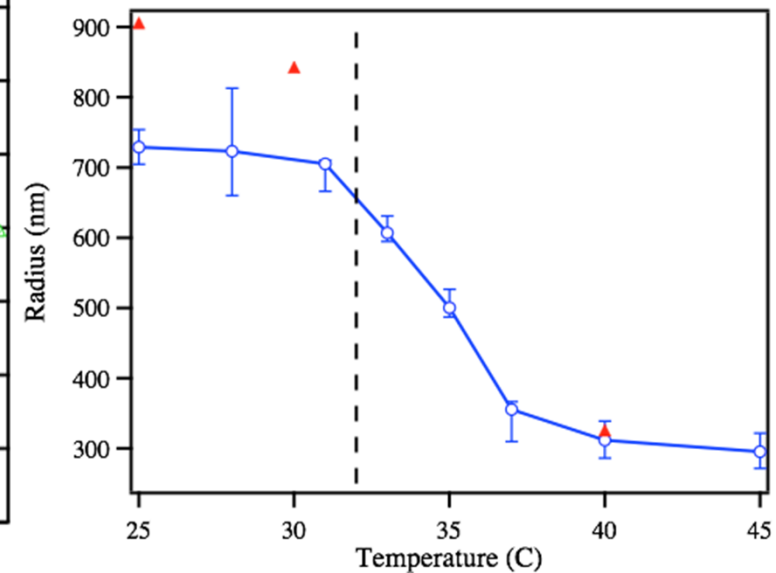
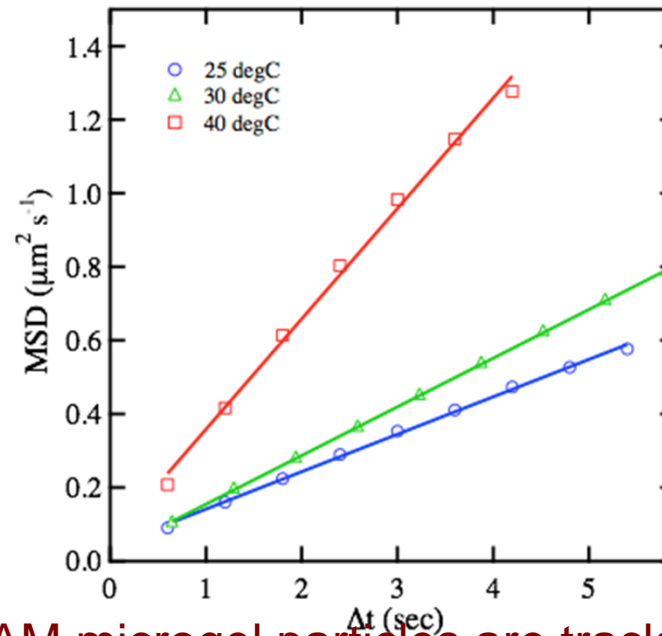
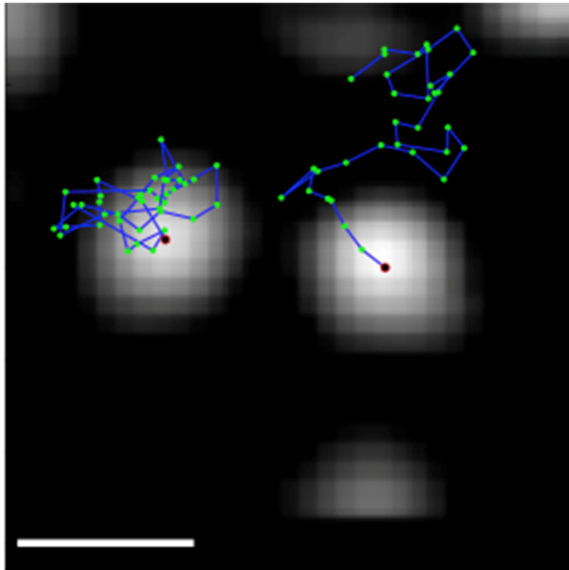


# Investigating the Micro-Mechanical Properties of Hydrogel Glasses Using Confocal-Rheology

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Fluorescently labeled NIPAM microgel particles are tracked using three dimensional laser scanning confocal microscopy. The diffusion of those particles is measured, resulting in the mean square displacement as a function of the system temperature. By Combining light scattering and particle