

“Time-resolved Structural Studies of Membrane Proteins Using Laser Spectroscopy”

UW-Chemistry

Special Seminar

Thursday, Jan. 18
11:00 a.m. in 1315

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The overall goal of my research is to uncover **molecular structural dynamics**. With this goal I use time-resolved X-ray scattering, which is a novel Synchrotronand. Current projects are on membrane proteins and membrane fusion events. Recent highlights include the real-time observation of structural dynamics in two proton pumping proteins, proteorhodopsin and bacteriorhodopsin.