



Department of Chemistry
W. Albert Noyes, Jr. Memorial Lectures

Professor George C. Schatz
Northwestern University – Department of Chemistry



“Nanoparticles, SERS and Theory”

Tuesday, October 8th at 4:00 pm
473 Hutchison Hall

Welcome Reception at 5:15 pm, 1st Floor Lounge

“Manipulating Plasmons Using Nanoparticle Arrays”

Wednesday, October 9th at 12:00 pm
140 Lander Auditorium, Hutchison Hall

“Understanding Self-Assembly of Functional Nanostructures”

Thursday, October 10th at 2:00 pm
140 Lander Auditorium, Hutchison Hall

George C. Schatz is Charles E. and Emma H. Morrison Professor of Chemistry at Northwestern University. He received his undergraduate degree in chemistry at Clarkson University and a Ph. D at Caltech. He was a postdoc at MIT, and has been at Northwestern since 1976.

Schatz is a theoretician who studies the optical, structural and thermal properties of nanomaterials, including plasmonic nanoparticles, plasmonic metamaterials, DNA and peptide nanostructures, and carbon-based materials. He has contributed to theories of dynamical processes, including gas phase and gas/surface reactions, energy transfer processes, transport phenomena and photochemistry.

Schatz has published four books and over 1000 papers. Schatz is a member of the National Academy of Sciences, the American Academy of Arts and Sciences, the International Academy of Quantum Molecular Sciences, and he has been Editor-in-Chief of the *Journal of Physical Chemistry* since 2005. He has received numerous awards, including the Max Planck Research Award, the Bourke Medal of the Royal Society of Chemistry, the Feynman Prize of the Foresight Institute, the Herschbach Medal, the Debye Award of the ACS, the S F Boys-A Rahman Award of the Royal Society of Chemistry, and the Langmuir Award of the ACS. He is a Fellow of the American Physical Society, the Royal Society of Chemistry, and the American Chemical Society and of the AAAS. He is an Honorary Fellow of the Chinese Chemical Society.

Hosts: Professor Ignacio Franco, 454 Hutchison Hall, (585) 275-8209, ignacio.franco@rochester.edu
Professor Kathryn Knowles, 457 Hutchison Hall, (585) 275-0649, kknowles@ur.rochester.edu
Professor Frank Huo, 415 Hutchison Hall, (585) 276-7793, pengfei.huo@rochester.edu