



Apr 10th, 1:30 PM - 2:30 PM

# The Happy Marriage between Laser and Supersonic Expansion

Timothy Zwier, M. G. Mellon Distinguished Professor of Chemistry  
*Purdue University - Main Campus*

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**KEYNOTE SPEAKER**

**“THE HAPPY MARRIAGE BETWEEN LASER AND SUPERSONIC EXPANSION”**

Dr. Timothy Zwier

1:30 p.m. Anderson Auditorium (C101)

Dr. Timothy Zwier is the M. G. Mellon Distinguished Professor of Chemistry at Purdue University. He leads a research program at the interface of chemistry, physics, and biochemistry. He is currently receiving research funding from the National Science Foundation, the Department of Energy, and NASA. Projects in his group include using molecular spectroscopy to study conformations and hydrogen bonding in biomolecules, photochemistry of small hydrocarbons found in planetary atmospheres, and chemical isomerization processes that lead to aromatic ring formation in combustion. Some of Dr. Zwier's most recent publications include articles in Science, The Journal of the American Chemical Society, and the Journal of Physical Chemistry.