

Personal:

[Curriculum Vitae](#)

Research:

[Single Molecule Rotational Spectroscopy](#)

[Hydrogen Rotational Spectromicroscopy](#)

[STM-Induced Light Emission from Nanoclusters](#)

[Single Molecule Mechanochemistry](#)

Instrumentation Development:

Knudsen Cell Molecular Evaporator

Knudsen Cell Water-Cooled Evaporator

Helium Gas Purifier

Molecular Doser Load-lock

Software Development:

CCD Light Emission Spectra Processing

Spatially Resolved Light Emission Image Processing

Bias Dependent Light Emission Processing

Hogroup STM Control Software

Signal vs T Measurement

Signal vs Delay Time Measurement