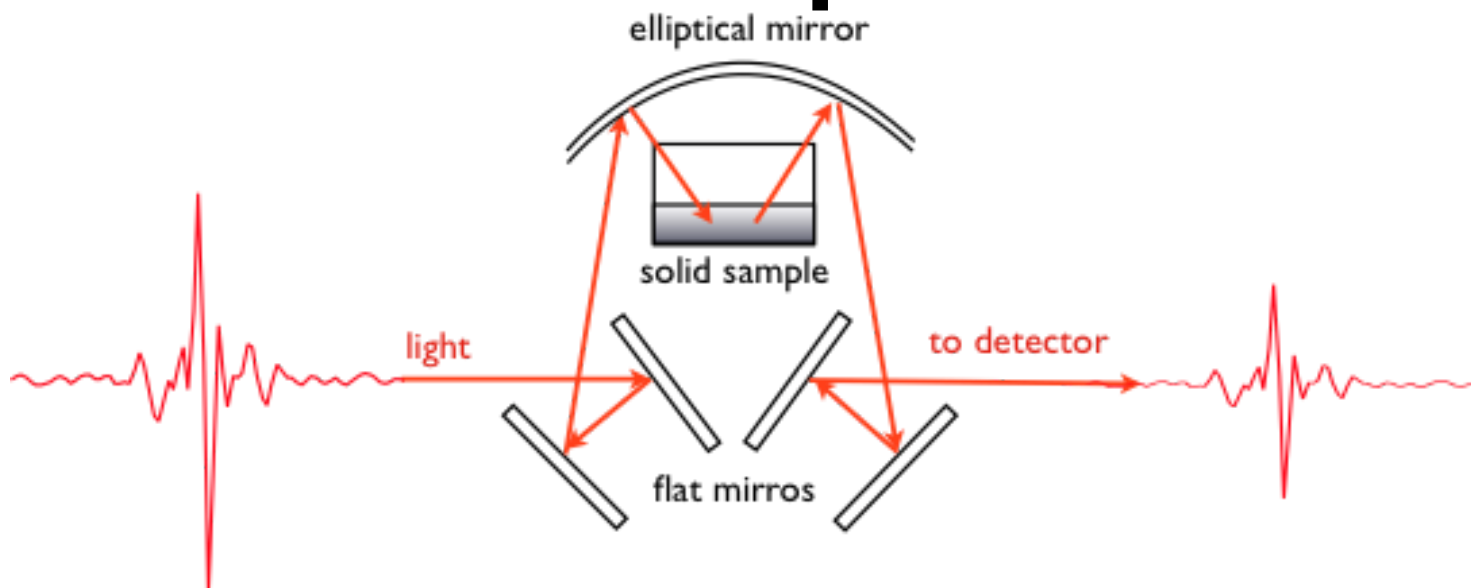


Fall 2018 Colloquium Series



Investigation of Surfaces Using the Diffuse Reflectance Infrared Fourier Transform Spectroscopy Technique

Dr. Chris Harmon

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Thursday, September 20, 2018

BSS Room 204, 4:00 PM

Diffuse reflectance infrared Fourier transform spectroscopy, or DRIFTS, is a surface sensitive technique that can be used to study fundamental interactions and reactions at molecular interfaces. The DRIFTS technique is a powerful analytical method as it can be used to monitor chemistry in-situ, where a host of different applications such as the performance of catalyst, fundamental atmospheric interactions, and more generally heterogeneous processes can be examined. In this talk the DRIFTS technique, and more fundamentally Fourier Transform Spectroscopy, will be described. Additionally, research conducted by undergraduate students in the Harmon Lab in the Department of Chemistry will be highlighted.

To view this poster online, go to <http://www.humboldt.edu/math/news-and-events/math-colloquium>
We cordially invite you to the Pre-Colloquium Tea on the third floor of the BSS building at 3:30 pm on Thursday.