Contribution ID: 86 Type: Poster

Condensed Phase applications at the THz beamline

Thursday, 26 November 2015 13:30 (45 minutes)

Spectroscopic studies of condensed phase matter have been successfully conducted at the THz/Far-IR beamline of Australian Synchrotron for a few years and applications range from nanotechnology, geology, renewable energy sources, forensics, biology, engineering and the environment. In this paper, we will present some of these applications and current techniques, as well as new techniques which are under consideration for the study of condensed phase materials. In particular, we will present our recent efforts in studying liquids in the THz spectral region.

Keywords

THz, synchrotron, liquid cell, spectroscopy

Primary author: APPADOO, Dominique (Australian Synchrotron)

Co-author: PLATHE, Ruth (Australian Synchrotron)

Presenter: APPADOO, Dominique (Australian Synchrotron)

Session Classification: Poster Session 1

Track Classification: Beamlines, Instrumentation and Techniques