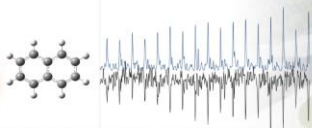


HiRIS3



High-Resolution Infrared Spectroscopy with Synchrotron Sources

Satellite workshop

18th January 2017

Synchrotron SOLEIL

Satellite workshop High-Resolution Infrared Spectroscopy with Synchrotron Sources

HiRIS3-2017

Synchrotron SOLEIL – Saint Aubin, France

18th January, 2017

Programme

- 10:00 - 10:30 Registration participants & coffee
- 10:30 - 11:30 'Interest and exploitation of far-IR spectroscopy with synchrotron sources'
Denis Tokaryk - University of New-Brunswick, Canada.
- 11:30 - 12:00 'Molecular line intensities and shapes from high-resolution synchrotron infrared spectra'
Jean Vander Auwera - Université Libre de Bruxelles, Belgique.
- 12:00 - 12:30 'Programs and analysis tools'
Marine-Aline Martin – Université Paris-Sud, France.
- 12:45 – 14:00 *Lunch*
- 14:00 - 14:30 'Low-temperature far-infrared studies with long-path thermostated cells'
Laurent Manceron – Synchrotron SOLEIL, Université Pierre et Marie Curie, Paris, France
- 14:30 - 15:00 'Molecular jet spectroscopy at the SOLEIL AILES Beamline'
Manuel Goubet – Université des Sciences et technologies, Villeneuve d'Ascq, France
- 15:00 - 15:30 'Unstable species and discharge studies'
Sébastien Gruet – Max Planck Institut, Hambourg, Germany
- 15:30 - 15:45 *Coffee break*
- 15:45 - 16:15 'Use of coherent synchrotron radiation'
Joanna Barros – CERN Grenoble, France
- 16:15 - 16:45 'The discrete nature of coherent synchrotron radiation'
Gaël Mouret – Dunkerque, France
- 17:00 - 18:00 *Exposants discussion*
- 18:00 - 19:00 "Visite et demonstration de la ligne infrarouge"
Olivier Pirali – Synchrotron SOLEIL, Université Paris-Sud, Paris, France
- 19:30 *Diner*