



## AVVISO DI SEMINARI

DATE        **9 Settembre 2014 ore 10:30-12:00**  
                 **11 Settembre 2014 ore 10:30-12:00**  
                 **16 Settembre 2014 ore 10:30-12:00**  
                 **18 Settembre 2014 ore 10:30-12:00**

RELATORE: **Prof. Philip Bunker**

ISTITUTO DI APPARTENENZA: National Research Council of Canada

TITOLO DEL SEMINARIO: **Molecular Symmetry and Spectroscopy**

AULA : LENS Aula Conferenze "Querzoli"

### ABSTRACT

In the weeks of the 8th to the 19th of September, Philip Bunker of the National Research Council of Canada will give 4 lectures on molecular symmetry. Philip Bunker is one of the leading experts on the use of the Molecular Symmetry Group in understanding high resolution molecular spectra, and author (with Per Jensen) of the books "Molecular Symmetry and Spectroscopy" and "Fundamentals of Molecular Symmetry." His lectures will introduce Molecular Spectroscopy, Quantum Mechanics, Group Theory and Point Groups before detailing the definition of the Complete Nuclear Permutation Inversion and Molecular Symmetry Groups, with a final bit on symmetry breakdown.

**The lectures are intended for Master and PhD students, but are open for all interested.**

Referente: Prof. Paolo Foggi