

International Year of Crystallography

Special Free Lectures at McGill University for the Public

in conjunction with the

23rd Congress of the International Union of Crystallography

Come and share our excitement in the science and beauty of crystals!

Crystals: A World to Discover

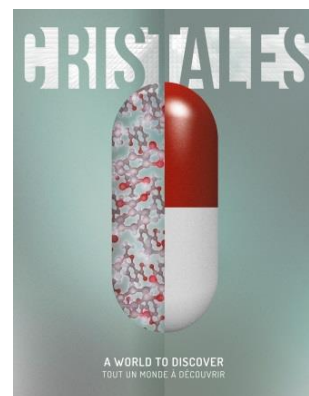
Presented by **Professor Juan Manuel Garcia-Ruiz**, National Research Council of Spain and the University of Granada

Date: August 6, 2014

Time: 20:15-21:30

Location: Leacock Building, Room 132, McGill University Campus

This lecture is a fully illustrated walk throughout the fascinating world of crystals, from their fundamentals and properties to the role they play in our daily lives and their impact in the arts and culture. Enjoy the beauty of crystalline materials and discover what crystallography can do for you.



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Israel Philatelic Service

Quasi-Periodic Crystals – a Paradigm Shift in Crystallography

Presented by **Nobel Laureate Professor Dan Shechtman**, Technion – Israel Institute of Technology

Date: August 7, 2014

Time: 20:15-21:30

Location: Leacock Building, Room 132, McGill University Campus

This talk will outline the discovery of quasi-periodic crystals and describe the important role of electron microscopy as an enabling discovery tool.

What is a Crystal? New Answers to an Old Question

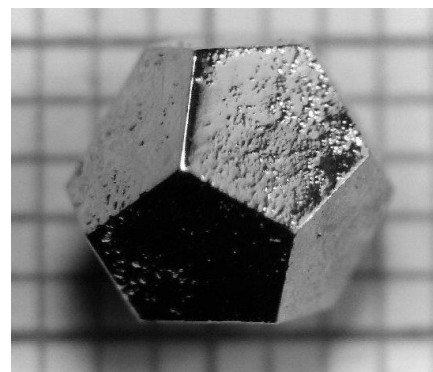
Presented by **Professor Ron Lifshitz**, School of Physics and Astronomy, Tel Aviv University And Condensed Matter Physics, California Institute of Technology

Date: August 11, 2014

Time: 20:15-21:30

Location: Leacock Building, Room 132, McGill University Campus

In 1982 Dan Shechtman discovered a new kind of crystal that seemed to contradict the laws of nature. His discovery -- for which he was awarded the 2011 Nobel Prize in Chemistry -- ignited a scientific revolution that demonstrated that, in science, what may seem impossible today might turn out to be real tomorrow. We will review this scientific revolution and the many effects it had on science and beyond.



I.R. Fisher et al., PRB 59, 308 (1999).

Talks are suitable for all audiences.

For more information e-mail ldawe@wlu.ca. Leacock Building location: <http://virtualcampustour.mcgill.ca/en/details/4/leacock-building>