



PANalytical
get insight

Sept 29-Oct 2, 2015

Crystallography OpenLab México 2015

Benemérita Universidad Autónoma de Puebla (BUAP), Puebla, México

Crystallography plays an important role in many of the products we use in our daily lives; from the fertilizers used to produce our food and the building materials for our homes and roads to the semiconductors in our means of communication and the medicines for our health.

PANalytical Mexico together with UNESCO, IUCr, SMCr and BUAP have planned the second edition of the OpenLab organized last year. This time, the OpenLab will be held at the Physics Institute of the University of Puebla (BUAP) from 29th September to 2nd October 2015.

11 national crystallography experts and Dr. Cristina Hoffmann from the Spallation Neutron Source, Oak Ridge National Laboratory (USA) will present a variety of lectures. A visit to a museum and several other activities have been scheduled as well.

We invite you to register for this Crystallography OpenLab, where attendees will have the opportunity to attend lectures spanning from the principles of crystallography to advanced applications of the X-ray diffraction technique.

To join us, please register by sending an email to mexico@panalytical.com mentioning your full name and the institute from which you will be visiting us. Another option is to register via our website www.panalytical.com/openlabmexico2015.

There is no cost for this event, and food and refreshments will be served to all attendees.

We hope to see you there!



Program

Tuesday September 29		Wednesday September 30		Thursday October 1		Friday October 2	
8:30	Registration	9:00	Graphic representation for the crystal structures of ceramic materials <i>Dr. Sylvian Bernes</i>	9:00	The Debye ring <i>Dr. Luis Fuentes Cobas</i>	9:00	Pole diagrams: texture and phase identification <i>Dr. Arturo Escobosa</i>
9:30	Welcome session			10:00	Amorphous material determination using the K-factor method. <i>Ing. Jorge Pablo Gonzáles</i>		
10:00	Activities of the Mexican Society of Crystallography <i>Dr. Lauro Bucio</i>	10:00	Amorphous material determination using the K-factor method. <i>Ing. Jorge Pablo Gonzáles</i>	10:00	X-ray diffraction and beyond <i>Ing. Jorge Pablo Gonzáles</i>	10:00	Application of the Rietveld method in the cement industry <i>Dr. Lauro Bucio</i>
11:00	Break	11:00	Break	11:00	Break	11:00	Break
11:30	High resolution XRD and reciprocal space mapping in semiconductors <i>Dr. Migeal Angel Vidal</i>	11:00	Research about polymorphism in proteins through crystallography by X-rays <i>Dr. Abel Moreno</i>	11:30	Children visit to IFUAP Sandwich	11:30	<i>In-situ</i> X-ray diffraction <i>Ing. Jorge Pablo Gonzáles</i>
12:30	Crystallography in earth sciences <i>Dr. Teresa Pi Puig</i>					12:30	Crystallography in geomology <i>Ing. Juan Carlos Cruz</i>
13:30	Lunch	13:30	Visit to museum Sandwich	15:00	Dielectric ceramics: structural control of their properties <i>Dr. Ulises Salazar</i>	14:30 - 16:30	Bring your samples
15:00	International lecture <i>Dr. Christina Hoffmann</i>						
16:30	Group 1 - XRD Group 2 - XRF	16:30	Group 2 - XRD Group 1 - XRF	16:30	Surface impurities on selenite giant crystals from Naica, Mexico <i>Dr. Maria Elena Montero</i>		
17:00 - 17:30	Group 2 - XRD Group 1 - XRF	17:00 - 18:30	Posters (Coffee)	18:00 - 21:00	Dinner Poster's awards Folklore show		

Hotels with special rates

(Code: BUAP Crystallography Seminar):

Holiday Inn La Noria.
Circ. Juan Pablo II 1936 Col. Ex Hacienda La Noria.
C.P. 72410 Puebla, Pue.
Tel. +52 (222) 211 90 10
www.holidayinn.com/pueblanoria 01 800 50 20 500

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Av 2 Oriente 211,
C.P. 7200 Puebla, Pue.
Tel. +52 (222) 223.66.00 ext. 6608
www.hotelsanleonardo.com.mx

Venue

Physics Institute "Ing. Luis Rivera Terrazas", BUAP
Av. San Claudio and Blvd. 18 Sur Col. San Manuel,
Building 110 'A', 110 'B' and 110 'C',
Ciudad Universitaria, C.P. 72570, Puebla, Pue.
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