The legacy of the International Year of Crystallography

Under the High Patronage of His Majesty the King Mohamed VI

jointly organized by
International Union of Crystallography, IUCr
Moroccan Crystallographic Association, AMC

with the support of
Hassan II Academy of Science and Technology of Morocco
Ministry of Higher Education and Scientific Research of Morocco

with the auspices of
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xenocs
LPC
The pathway to the UN General Assembly

Dec 2010: Start of the process for submitting the proposal for IYCr2013 through UNESCO (deadline June 2011 for UNGA of Sept 2011)

March 2011: After the Permanent Delegation of Morocco to UNESCO gave positive feedback, the process stops because time is too short

April 2011: Start of the process for submitting the proposal directly to the UN. Draft resolution is then prepared and political action undertaken

November 2011: it is suggested to propose 2014 as IYCr

March 2012: draft resolution is submitted to the UN. The Moroccan Delegation succeeds to convince 6 countries (Australia, Belgium, Luxembourg, Mexico, Poland and the Dominican Republic) to cosign the draft resolution and obtains the unanimous support from the other delegations

July 2012: 2014 is proclaimed International Year of Crystallography
UN General Assembly, GA/11262, 3 July 2012
Resolution 66/284
submitted by Morocco, approved unanimously

2014 is proclaimed International Year of Crystallography

• Recognizing that **humankind’s understanding of the material nature** of our world is grounded, in particular, in our **knowledge of crystallography**;

• Stressing that **education about and the application of crystallography are critical in addressing challenges** such as diseases and environmental problems, as well as solutions for plant and soil contamination;

• **Considering that the impact of crystallography is present everywhere in our daily lives**;

• **Considering also the significance of the scientific achievements of crystallography**, as illustrated by **twenty-three Nobel Prizes** awarded in the area, and that crystallography is still fertile ground for new and promising fundamental research;

• **Considering further that 2014 marks the centenary of the beginning of modern crystallography** and its identification as the most powerful tool for structure determination of matter;

• Being aware that 2014 provides an opportunity to promote international collaboration as part of the sixty-fifth anniversary of the founding of the International Union of Crystallography;

• Noting the broader welcome by the crystallographic community worldwide of the idea of 2014 being designated as the International Year of Crystallography
Bragg Symposium: Celebrating 100 years of X-ray crystallography - *The University of Adelaide, 6th December 2012*
curriculum development
activities for schoolchildren
<table>
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<tr>
<th>#</th>
<th>Company</th>
<th>Event Type</th>
<th>Dates</th>
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Map of the IUCr-UNESCO OpenLabs and Summits for IYCr2014

The IUCr-UNESCO OpenLab is a project in partnership with:

- Agilent Technologies
- BRUKER
- PANalytical
- Rigaku
- STOE
- Dectris
- Xenocs
- Anton Paar
- INCOATEC
- Oxford Instruments
Countries that adhered to the IUCr before 2014 are shown in blue, those countries that joined in 2014 during IYCr are shown in red.
The IYCr legacy

- Set up the IYCr legacy fund

- Develop sustainable and permanent programmes in Africa, Asia and South America (based on the OpenLab project) in collaboration with UNESCO and other international organization (e.g., TWAS, ICSU)

- Transition of other IYCr activities to sustainable long-term IUCr initiatives in collaboration with the national and regional associates

- Sustain the formation and development of new regional (LACA, AfCA) and national associations

- Create joint programs with large-scale facilities for students from the developing countries

- Integrate IYCr web site resources into a re-designed IUCr web site
Acknowledgements

- Organizers: Abdelmalek Thalal, Claude Lecomte, Michele Zema
- UNESCO / ICSU ROA / TWAS
- Moroccan Crystallographic Association (UN delegation)
- Academie Hassan II des Science & Techniques
- Industrial partners
- Chester Staff (Michele Zema – Project Manager for IYCr2014)
- Regional Associates
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