





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



Co-sponsored by



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



1st North African Conference on Crystallography Casablanca (Morocco), November 2010



The original design by Michele Zema winning the IYCr logo competition

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

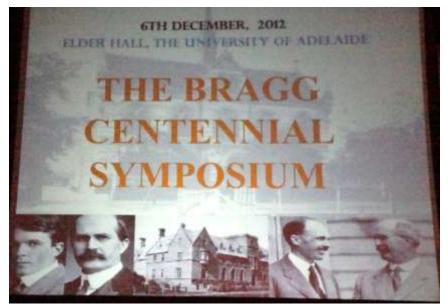


2014 is proclaimed International Year of Crystallography

- 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













international year of crystallography





ducational, Scientific and + Cultural Organization +

Union of Crystalography

entriers for the International Year of Crystallography 2014

Opening Ceremony

UNESCO, Paris, 20-21 January 2014









2014 international year of crystallography

curriculum development

activities for schoolchildren



ethers for the International Year of Crystatiography 2014







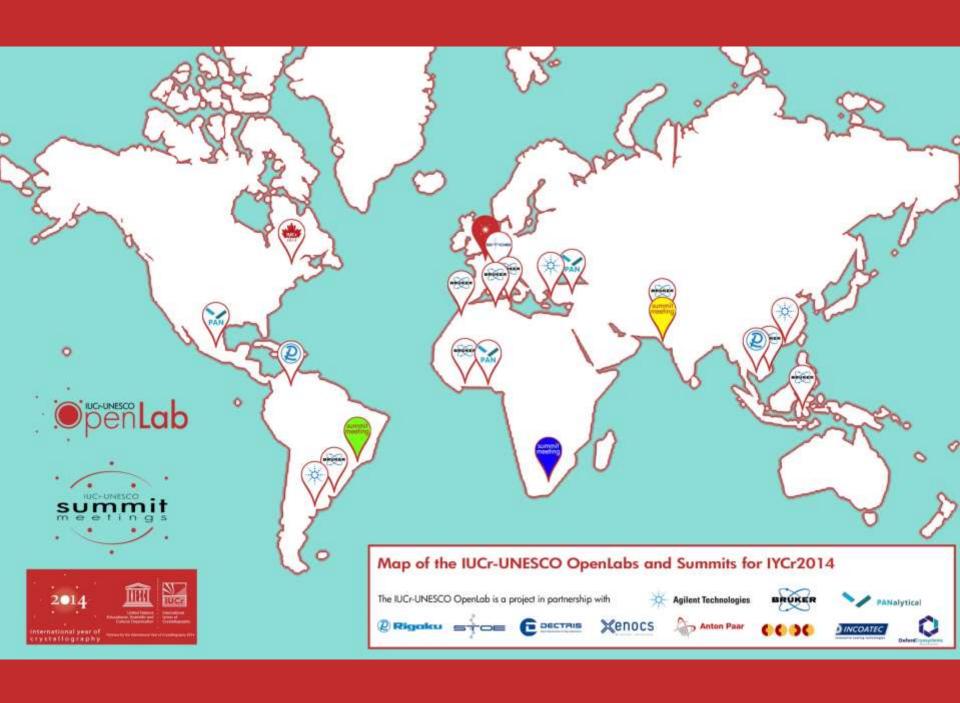






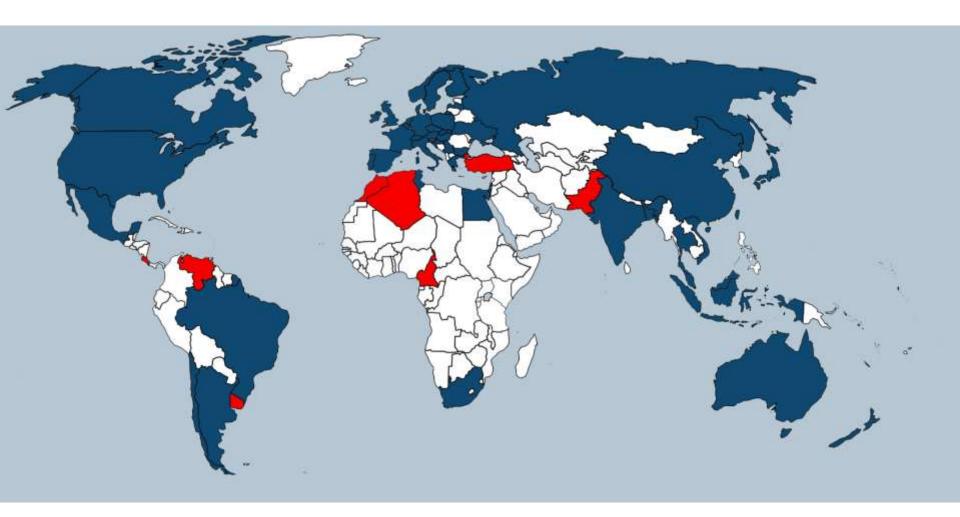


			Dates	Туре	Country	Location
l I	1	Bruker OpenLab Pakistan	30 Apr 2014 - 8 May 2014	OpenLab Type 2	Pakistan	Karachi
	2	Agilent OpenLab Argentina	5 May 2014 - 10 May 2014	OpenLab Type 2	Argentina	La Plata and Buenos Aires
	3	Bruker OpenLab Morocco	20 May 2014 - 20 Jun 2014	Travelling Lab	Morocco	Rabat and Agadir
	4	PANalytical OpenLab Ghana	9 Jun 2014 - 12 Jun 2014	OpenLab Type 2	Ghana	Accra
	5	Rigaku OpenLab Cambodia	7 Jul 2014 - 11 Jul 2014	OpenLab Type 2	Cambodia	Phnom Penh
	6	Bruker OpenLab Uruguay	23 Jul 2014 - 31 Jul 2014	OpenLab Type 1	Uruguay	Montevideo
	7	Bruker OpenLab Indonesia	18 Aug 2014 - 22 Aug 2014	Travelling Lab	Indonesia	Bandung
	8	Agilent OlexSys OpenLab Turkey	1 Sep 2014 - 5 Sep 2014	OpenLab Type 2	Turkey	Izmir
	9	STOE DECTRIS Xenocs OpenFactory	10 Sep 2014 - 19 Sep 2014	OpenFactory	France and Germany	Grenoble and Darmstadt
	10	Rigaku OpenLab Colombia	27 Oct 2014 - 31 Oct 2014	OpenLab Type 2	Colombia	Bucaramanga
	11	PANalytical OpenLab Mexico	18 Nov 2014 - 21 Nov 2014	OpenLab Type 2	Mexico	Mexico City
	12	Agilent OlexSys OpenLab Hong Kong	3 Dec 2014 - 7 Dec 2014	OpenLab Type 2	Hong Kong	Hong Kong
	13	Bruker OpenLab Vietnam	8 Dec 2014 - 12 Dec 2014	OpenLab Type 2	Vietnam	Ho Chi Minh City
•	14	PANalytical OpenLab Turkey	19 Jan 2015 - 22 Jan 2015	OpenLab Type 2	Turkey	Ankara
	15	Bruker OpenLab Algeria	9 May 2015 - 14 May 2015	OpenLab Type 2	Algeria	Constantine
	16	Bruker OpenLab Tunisia	14 May 2015 - 23 May 2015	Travelling Lab	Tunisia	Monastir and Nabeul





Adhering Bodies of the IUCr, representing 52 countries, and its four Regional Associates



Countries that adhered to the IUCr before 2014 are shown in blue, those countries that joined in 2014 during IYCr are shown in red.

what's next

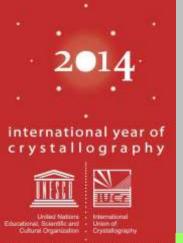
The IYCr legacy

Set up the IYCr legacy fund



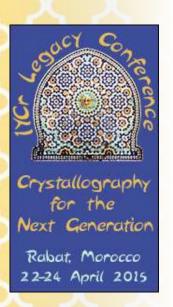
- Develop sustainable and permanent programmes in Africa, Asia and South America (based on the OpenLab project) in collaboration with UNESCO and other international organization (e.g., TWAS, ICSU)
- Transition of other IYCr activities to sustainable long-term IUCr initiatives in collaboration with the 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







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



Co-sponsored by

