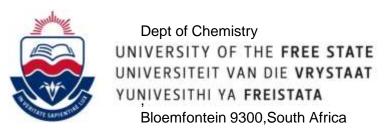
European Crystallographic Association: Building Capacity



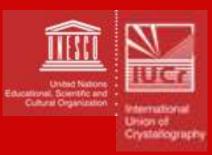
http://www.ecanews.org/

Andreas Roodt (President)
roodta@ufs.ac.za
http://www.ufs.ac.za/chem





international year of crystallography







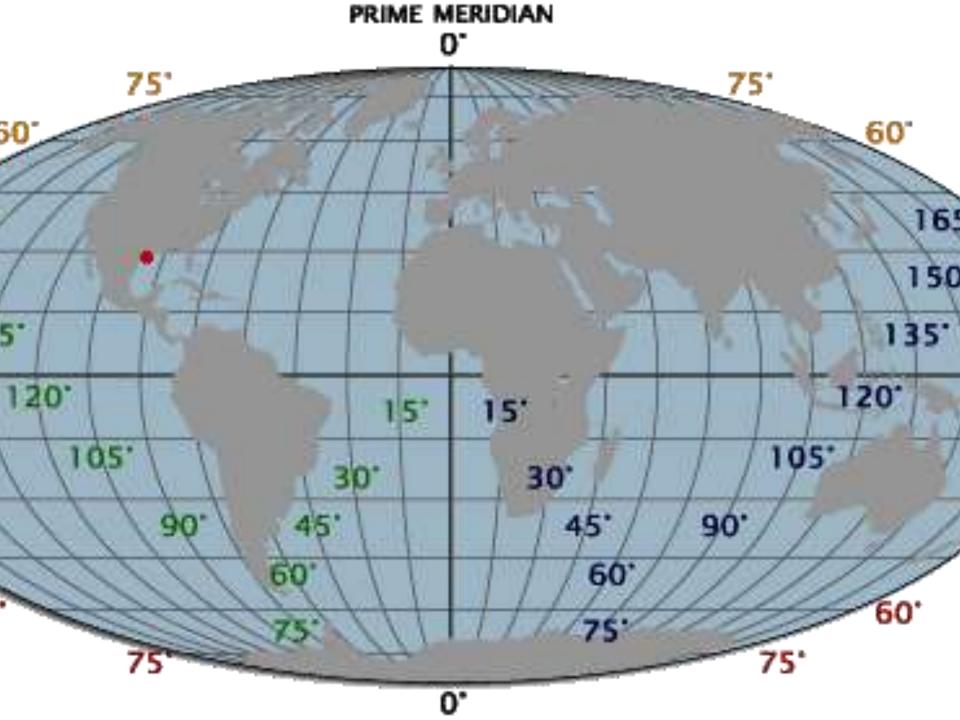
Member Countries:

between

-25° and +50° Longitude (!!)

One of **FOUR** Regional Affiliates of International Union of Crystallography (IUCr)









ECA Member Countries & Observers

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- 2. Austria
- 3. Belgium
- 4. Bulgaria
- 5. Croatia
- 6. Czech & Slovak Rep 17.Latvia
- 7. Denmark
- 8. Egypt
- 9. Finland
- 10.France
- 11.Germany

Plus:

3x Individual Member Reps

- 12.Greece
- 13. Hungary
- 14.Irish Cryst. Assoc.
- 15.Israel
- 16.Italy
- - 18. Macedonia
- ●19.Morocco●
 - 20.Netherlands
 - 21.Norway
 - 22.Poland
 - 23.Portugal

Plus:

- 1x CAM
- **IUCr**

- 24.Russia
- 25. Serbia
- 26. Slovenia
- 27.South Africa
 - 28.Spain
 - 29. Sweden
 - 30.Switzerland
 - 31.Tunisia
 - 32. Turkey
 - 33.UK
 - 34.Ukraine
- •35. Cameroon

3x Observers:

- Armenia
- Belarus
- Estonia



1. We are passionate about crystals



2. Executive Committee (3 year cycles)





3. Organised in 12 SIG's (Special Interest Groups)



+ 2 GIG's (General Interest Groups)

In Particular:

GIG1: Young Crystallographers

- **SIG.1** Macromolecular Crystallography
- SIG.2 Charge, Spin & Momentum Density
- **SIG.3 Aperiodic Crystallography**
- **SIG.4 Electron Crystallography**
- **SIG.5 Mineralogical Crystallography**
- SIG.6 Instrumentation and Experimental Techniques (IET)
- SIG.7 Molecular Interaction and Recognition (MIR)
- **SIG.8 Powder Diffraction (SIGPD)**
- **SIG.9 Crystallographic Computing (CCSIG)**
- **SIG.11 Extreme Conditions**
- **SIG.12 Materials Science**
- **SIG.13 Molecular Structures and Chemical Properties**
- **GIG.1 Young Crystallographers**
- **GIG.2** Establishing GIG for Senior Crystallographers



4. Hosts ECM's (European Crystallographic Meetings)

Every 3-year cycle:

2014: IUCr-Year1 (Montreal)

2015: ECM29-Year2: Croatia (Rovinj)

2016: ECM30-Year3: Swiss (Basel)



At
European Crystallographic Meetings

(a) Keynote Lectures

(b) Microsymposia

(c) Poster Sessions

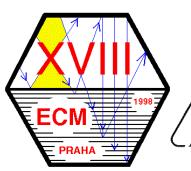


PREVIOUS ECM's



1	Bordeaux (France)	1973
2	Keszthely (Hungary)	1974
3	Zürich (Switzerland)	1976
4	Oxford (UK)	1977
5	Copenhagen (Denmark)	1979
6	Barcelona (Spain)	1980
7	Jerusalem (Israel)	1982
8	Liege (Belgium)	1983
9	Torino (Italy)	1985
10	Wrocław (Poland)	1986
11	Vienna (Austria)	1988
12	Moscow (USSR)	1989
13	Ljubljana - Trieste	1991
14	Enschede (Netherlands)	1992
15	Dresden (Germany)	1994

16	Lund (Sweden)	1995
17	Lisboa (Portugal	1997
18	Praha (Czech Rep.)	1998
19	Nancy (France)	2000
20	Krakow (Poland)	2001
21	Durban (South Africa)	2003
22	Budapest (Hungary)	2004
23	Leuven (Belgium)	2006
24	Marrakech (Morocco)	2007
25	Istanbul (Turkey)	2009
26	Darmstadt (Germany)	2010
27	Bergen (Norway)	2012
28	Warwick (UK)	2013
29	Rovinj (Croatia)	2015

























5. Prizes:

Max Perutz Prize (established)
Bertaut Prize (ca. 35 years)







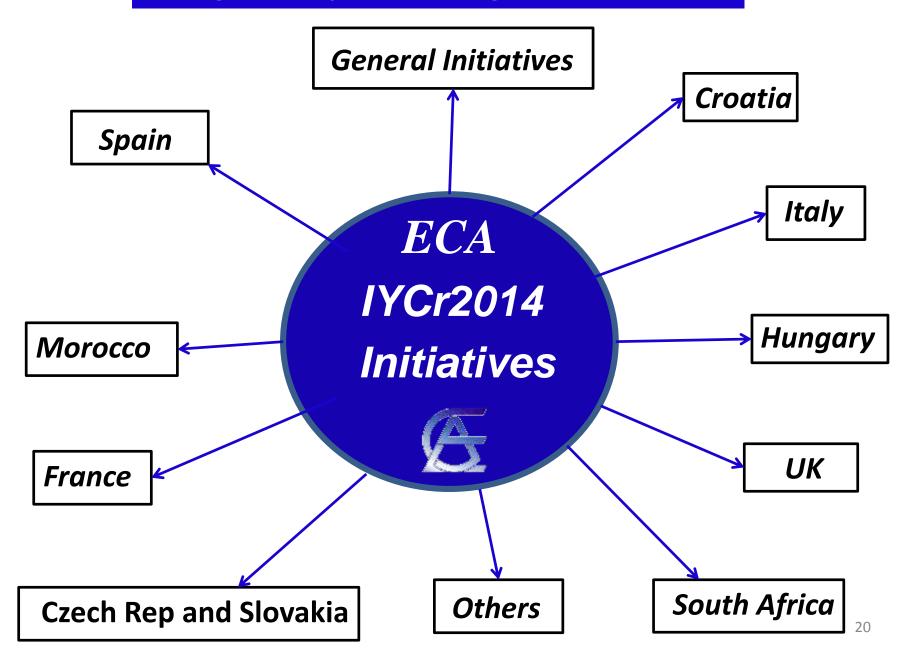
international year of crystallography







Programme for 2014: Together with IUCr



Programme for 2014

GENERAL INITIATIVES

- Communication Proposals for International Year of Crystallography
- Electronic exhibition of minerals named after crystallographers
- IYCr 2014- Prisons Outreach
- The Globe-Trotter Crystal
- X-rays and crystallography. A story through the stamps and other collectibles
- Itinerant Events
- Promote "round robin" competitions on Crystal Growth, Single Crystal and Powder diffraction.
- Nobel Prize Awardees in Crystallography meet students
- European Master in Crystallography and Crystal Growth
- European School of Crystallography
- Etc. Etc. Etc.



Please participate in promoting Crystallography via IYCr2014





Please CONTINUE promote Crystallography after IYCr2014



