



European
Crystallographic
Association

www.ecanews.org



2016

About ECA membership & scope

The European Crystallographic Association (ECA) is a scientific association having as objectives the advancement of crystallography in all its aspects and to promote cooperation in crystallography between the countries of Europe, Africa and the Middle East. ECA is one of the three regional affiliates of IUCr. Our sister affiliates are the American Crystallographic Association (ACA), the Latin American Crystallographic Association (LACA) and the Asian Crystallographic Association (AsCA). Crystallographic Organizations from countries within the ECA geographic area can affiliate as ECA National Members. Individual and Corporate membership is also welcome.

The activity of different scientific field is organized and coordinated by groups of members called Special Interest Groups (SIGs). Cross-disciplinary interests are handled by General Interest Groups (GIGs).

The ECA acknowledges three types of membership:

Individual Members: Individual scientists joining ECA as members of the association.

Corporate Affiliate Members: Legal bodies (institutions or corporations).

National Members: National adhering bodies, usually Crystallography Associations or Committees.

The ECA wish to promote individual membership as the expression of personal scientific commitment to the development of crystallography. The ECA awards prizes, supports meetings, schools, conferences, workshops and grants bursaries to participants. Member fees are a contribution to these activities. In addition, Individual members:

- are encouraged to participate in the organisation of scientific programmes via the SIGs, and in transversal and networking programmes via the GIGs
- pay reduced fees at the European Crystallographic Meetings and are recognisable by distinctive badges
- get discounts for books and journals published by Taylor & Francis
- participate in decision making within the ECA through their elected representatives in the Council
- are represented in the IUCr via the ECA, even if their country does not have representatives in the IUCr.



More on ECA membership at

<http://ecanews.org/mwp/about-eca/membership/>

Thematic scope: Special (SIG) and General (GIG) Interest Groups

SIG Name

- 1 Macromolecular Crystallography
- 2 Charge, Spin and Momentum Density
- 3 Aperiodic Crystals
- 4 Electron Crystallography
- 5 Mineral and Inorganic Crystallography
- 6 Instrumentation and Experimental Techniques
- 7 Molecular Interaction and Recognition
- 8 Powder Diffraction (EPDIC)
- 9 Crystallographic Computing
- 11 Crystallography Under Extreme Conditions
- 12 Crystallography of Functional Materials
- 13 Molecular Structure and Chemical Properties

Chair/Co-chair/Secretary

- M. Thunnissen / J. Dohnalek / Ronar Keegan
B. Dittrich / P. Macchi / N. Trapp
A. Abakumov / S. van Smaalen / M. Dusek
M. Gemmi / H. Klein / L. Palatinus
S.V. Krivovichev / F. Hatert / O. Siidra
U. Pietsch // J. Helliwell
C.H. Gorbitz / C. Esterhuysen / P. Gilli
P. Scardi / R. Cernik /
H. Powell / M. Lutz / A. Thorn
K. Friese / Y. Filinchuk / M. Bykov
A. Grzechnik / M. Hinterstein / J. Rouquette
A. Crispini / P. Bombicz / C. Oliver

GIG Name

- 1 Young Crystallographers
- 2 Senior Crystallographers
- 3 Education in Crystallography (Proposed)






















Chair/Co-chair/Secretary

- A. Maloney / C. Mariette / C. McMonagle
M. Kaftory / C. Mealli / H. Stoeckli-Evans
M. Đaković, C. Esterhuysen, C. Massera, S. Chiara

More on SIGs and GIGs: <http://ecanews.org/mwp/current-interest-groups/>

Geographic scope: National Members



 Algeria	 Norway
 Austria	 Poland
 Belgium	 Portugal
 Bulgaria	 Russia
 Croatia	 Serbia
 Czech Republic	 Slovak Republic
 Denmark	 Slovenia
 Egypt	 South Africa
 Finland	 Spain
 France	 Sweden
 Germany	 Switzerland
 Greece	 Tunisia
 Hungary	 Turkey
 Ireland	 Ukraine
 Israel	 United Kingdom
 Italy	
 Latvia	
 SCTM (Macedonia)	
 Morocco	
 Netherlands	

Observers

-  Armenia
 Belarus
 Estonia

More on National Members:

<http://ecanews.org/mwp/about-eca/membership/national-members/>

ECA supports crystallographic education

The ECA is strongly committed to crystallographic education and outreach. Our actions include organization, sponsoring and dissemination of schools, workshops, seminars, etc. The ECA regularly provides financial support to schools within the ECA region. Typically 7000 Euros per year are devoted to student bursaries. In addition, the ECA promotes a high level European Crystallography School (ECS) for continuous education in crystallography that will become a regular event to be hosted each time in a different country. ECS objectives are: to rationalize the presentation of related subjects and to offer to students or young scientists an excellent opportunities for their advanced education and for starting new contacts and collaborations.

The European Crystallography School

- The 1st ECS, "Reinforcing foundations", was held in Pavia (Italy) from Aug 26 to Sept 6, 2014.
- The 2nd ECS, "Crystallography: Fundamentals, On line Tools and Application Fields", was held in Mieres, Asturias (Spain) from Aug 30 to Sept 4, 2015.
- The 3rd ECS "Summer of Crystallography" will take place from Sep. 25th to Oct. 2nd, 2016 in Bol, Croatia.
- More: <http://ecanews.org/mwp/european-crystallography-school/>

ECA sponsored schools

2015: "XV British Crystallographic Association Intensive Teaching School in X-ray Structure Analysis", "Engineering Crystallography: from Molecule to Crystal to Functional Form", "SAGAMORE XVIII Conference on Electron Charge, Spin and Momentum Density", "The Zurich School of Crystallography 2015 – Bring Your Own Crystals", "Second Balkan School on Fundamental Crystallography and Workshop on Magnetic Symmetry and its Application in Magnetic Structure Description", "International School on Introduction in the Rietveld structure refinement", "3rd School on Crystal Structure Determination from Diffraction Data; Application on Powder Samples"

Engineering Crystallography: from Molecule to Crystal to Functional Form

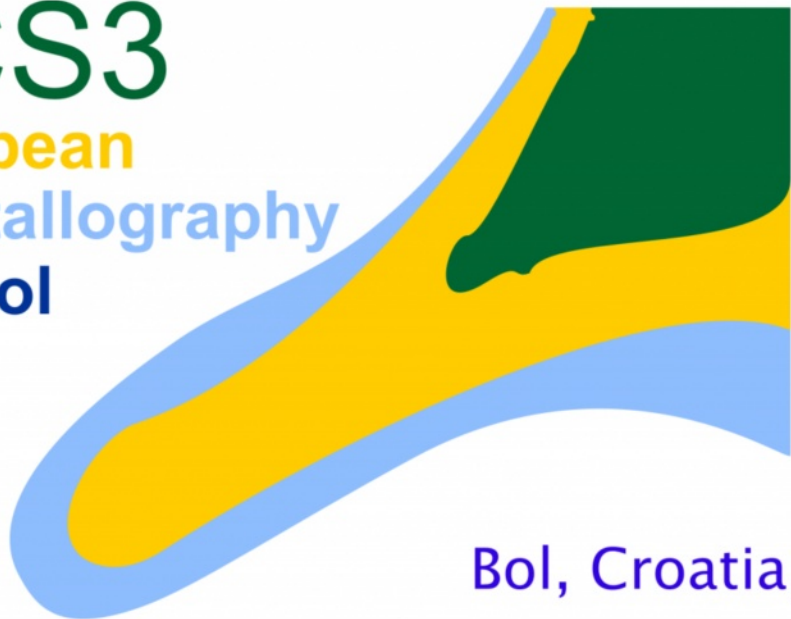
2nd Balkan School on Fundamental Crystallography

3rd School on Crystal Structure Determination from Diffraction Data



ECS3

European
Crystallography
School



Bol, Croatia,
25th September–2nd October 2016

<http://ecs3.ecanews.org/ECS3/HOME.html>



ECA supports meetings & science

The ECA actively promotes scientific meetings. Thematic meetings are organized by SIGs and GIGs under the auspices of the association. National meetings organized by National Members are supported and sponsored.

The flagship of ECA activities is the European Crystallographic Meeting (ECM), held every year, except when there is an IUCr Congress. The ECMs are the main meeting point for crystallographers in the ECA region to present their recent research progress. Microsymposia at ECMs are proposed and organized by ECA SIGs. Information on ECMs and guidelines for organizers, along with information on IUCr congresses, national meetings and guidelines for financial support is available at <http://ecanews.org/mwp/meetings-2/>

ECM30 (2016) Basel (Switzerland)

ECM-30 (28 August – 1 September 2016, Congress Center Basel, Switzerland) will be a four-day vibrant and intensive scientific meeting with many learning opportunities in every current aspect of crystallography. In addition, there will be a Young Crystallographers meeting, workshops and user meetings, lunch meetings, and a social programme, which will allow scientists from all over Europe and the world to meet, connect and exchange. With a total of ca. 45 half-day microsymposia and more than 15 keynote speakers, as well as two plenary lectures, a large number of hot topics from biology, chemistry, physics and mineralogy will be covered.

<http://ecm30.ecanews.org/>



24th Congress of the IUCr, 2017 (Hyderabad)

India will host in Hyderabad the 24th Congress & General Assembly of the International Union of Crystallography 2017 from 21 – 28 August 2017. More information at

<http://ecanews.org/meetings.php>.

ECM31 (2018) Oviedo (Spain)

The 31st ECM will be held in Oviedo (Spain) from August 22 to August 27, 2018. More information is available at

<http://ecm31.ecanews.org/>

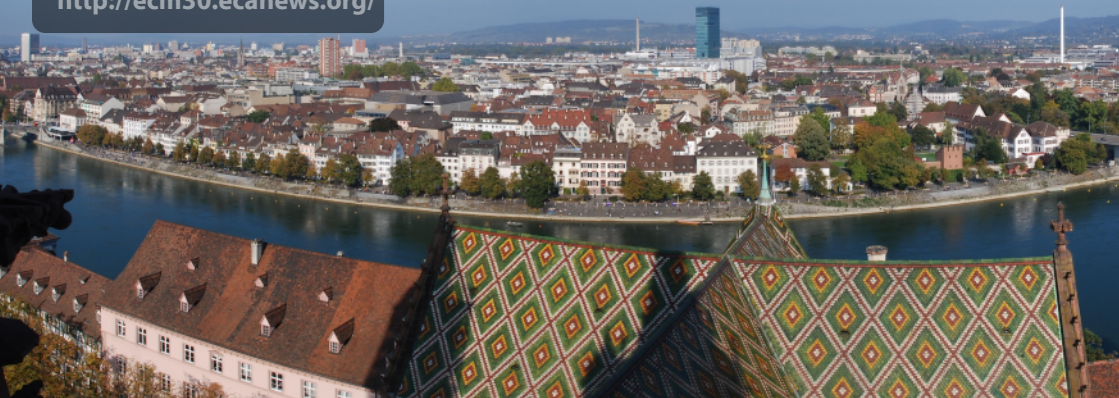


ECM31
31st European
Crystallographic Meeting

ECM30 2016

Basel (Switzerland)

<http://ecm30.ecanews.org/>



24th IUCr Congress, 2017

Hyderabad (India)

<http://www.iucr2017.org/>



ECM31 2018

Oviedo (Spain)

<http://ecm31.ecanews.org/>



ECA promotes scientific excellence



On the occasion of ECMs, the ECA awards two prizes: the Max Perutz Prize for outstanding leadership, scientific contributions or both. Secondly, the Erwin Felix Lewy Bertaut Prize, in association with the European Neutron Scattering Association (ENSA), to a young crystallographer in recognition of notable experimental theoretical or methodological contributions using crystallographic or neutron scattering methods.

Candidates can be nominated by ECA Individual or Corporate Members or by associates to National Members. In the case of the Erwin Felix Lewy Bertaut price ENSA members can also nominate candidates.

The The European Crystallographic Association awards two prizes: the Max Perutz Prize and the Erwin Felix Lewy Bertaut (in cooperation with the Neutron Scattering Association).

The **Max Perutz Prize** is awarded in recognition of meritorious achievements in any branch of crystallography by a crystallographer having a clear affiliation with the ECA region and being an individual member of the ECA. It can be for leadership or scientific contributions or both. The Max Perutz Prize Committee issues a call for nominations ten months before the prize is awarded. Nominations close five months before the award is made. The candidate receives the award at the official opening of the following ECM and presents a lecture at this occasion.

The European Crystallographic Association (ECA) and the European Neutron Scattering Association (ENSA) awards a prize in memory of the scientific achievements of the late Erwin Felix Lewy Bertaut, which are cornerstones in both crystallography and neutron scattering. The **Erwin Felix Lewy Bertaut Prize** is awarded to a young scientist having a clear affiliation with the ECA/ENSA region, in recognition of notable experimental theoretical or methodological contributions in the field of investigation of matter using crystallographic or neutron scattering methods.

Nominations for the prize may be submitted by European scientists as individuals (selfnomination excluded) or on behalf of a group. Nominations are to be addressed in electronic form to the ECA President. More information on the ECA awarded prizes at

<http://ecanews.org/mwp/prizes/>

Max Perutz Prize Winners



Prof. Ada Yonath (2000)



Prof. Jochem R. Schneider (2001)



Prof. Carmelo Giacovazzo (2003)



Prof. George Sheldrick (2004)



Prof. Eleanor Dodson (2006)



Prof. David Stuart (2007)



Prof. Claude Lecomte (2010)



Prof. Hartmut Fuess (2012)



Prof. Randy J. Read (2013)



Prof. John Helliwell (2015)



Prof. Václav Petříček (2016)



Erwin Felix Lewy Bertaut Prize Winners



Dr. Henrik M. Ronnow (2007)



Dr. Lukas Palatinus (2009)



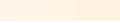
Dr. Tom Fennell (2010)



Dr. Christian Rüegg (2011)



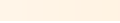
Dr. Pavel V. Afonine (2012)



Dr. Johan Chang (2013)



Dr. Giorgio Schiro (2015)



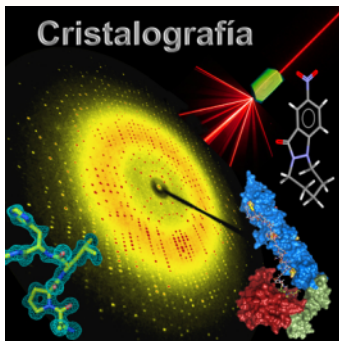
Dr. Linda Reinhard (2016)



Crystallography for the next generation

The ECA gladly collaborated in the planning and organization of the activities celebrating the IYCr2014 in Europe, Africa and the Middle East. The IYCr2014 activities raised awareness about the importance of crystallography in the modern world. They have ignited a fire in the new generation, most especially in parts of the developing world where structural science is still an infant science. ECA is committed with the IYCr2014 Legacy Resolution to build on these successes, supporting new public outreach activities and to spread the word about the already existing ones.

<http://ecanews.org/mwp/outreach/>



ECA officers & contact information

Executive Committee



President
Prof. Alessia BACCHI
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Past President
Prof. Andreas ROODT
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Vice-President
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Secretary
Dr. Georgina ROSAIR, Secretary
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Treasurer
Prof. Christian W. LEHMANN
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SIG/GIG & Corporate Members Officer
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National Members Officer
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Education Coordinator
Dr. Fermin OTALORA
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Council

National Members Councillors

Algeria	Ahmed Bekka	Austria	Christoph Kratky
Belgium	Bernard Tinant	Bulgaria	Daniela Kovatcheva
Croatia	Stanko Popovic	Czech Rep. & Slovak Rep.	Jindrich Hasek
Denmark	Anders Østergaard Madsen	Egypt	Zein Heiba
Finland	Keijo Hämäläinen	France	Rene Guinebretier
Germany	Birger Dittrich	Greece	Irene Mavridis
Hungary	Alajos Kalman	Ireland	
Israel	Michal Harel	Italy	Michele Saviano
Latvia	Anatolij Mishnev	SCT of Macedonia	Pance Naumov
Morocco	Nouzha Bouhaida	Netherlands	Martin Lutz
Norway	Carl Henrik Gorbitz	Poland	Janusz Lipkowski
Portugal	Pedro Pereira	Russia	
Serbia	Slobodanka Stankovic	Slovenia	Anton Meden
South Africa	Dave Billing	Spain	Fernando J. Lahoz
Sweden	Elisabeth Sauer-Eriksson	Switzerland	Juerg Schefer
Tunisia	Mongi Debbabi	Turkey	Süheyla Özbey
UK	Claire Wilson	Ukraine	Roman Gladyshevskii

Individual Members Councillors

Dr Serena Tarantino

Dr Harry Powell

Dr Kamil Dziubek

CAM Councillor

Tony Savill

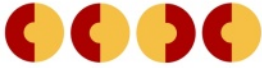
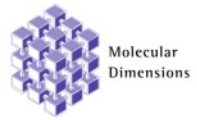
Observers

IUCr Chris Gilmore

Belarus Alexander Lyakhov

Armenia Hakob Bezirganyan

Estonia Hugo Mandar



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KRISTALLOGRAPHIE



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