

European Crystallographic Association

Minutes of the Council Meeting held at Palais des congrès de Montréal August 2014

Day 1 12.15pm in Room 516a Thursday 7 August

Day 2 12.15pm in Room 516a Friday 8 August



Reports can be obtained from the following folder on Dropbox:

<https://www.dropbox.com/sh/0zt5pkj62onh41n/AACPSBFNuHjSz9FocFiwMLNa>

Agenda 1st day

1. Opening

- 1.1. Welcome to Council members and Guests
- 1.2. Applications for ECA membership
- 1.3. Review of former e-mail decisions
- 1.4. Minutes of Council meeting at the ECM28 Warwick

2. Annual Reports by the President and the Treasurer

- 2.1. Report by the President Andreas Roodt
- 2.2. Report by the Treasurer Christian Lehmann

3. Approval by the Council of the submitted accounts

- 3.1. Report of the Auditors for the financial year of 2013/4

4. Annual Reports by the Executive Committee and preliminary progress reports

- 4.1. Report by the Vice-President Alessia Bacchi also on the Perutz, Bertaut and poster prizes
- 4.2. Report by the Past-President Santiago Garcia Granda
- 4.3. Report by the Secretary Georgina Rosair on summary of the work of the Executive Committee
- 4.4. Report by Olga Yakubovich on ECA links and National Councils
- 4.5. Report by Udo Heinemann on SIG/GIG organisation
- 4.6. Report by Joke Hadermann on sponsorship of meetings and schools and CAM liaison
- 4.7. Report by Fermin Otalora on education and the website related activities

5. Elections

- 5.1. IM election There are no elections this year.

6. Reports regarding ECMs

- 6.1. ECM Guidelines
- 6.2. ECM28 (2013) Warwick final numbers and summary: A. Blake, E. Garman
- 6.3. ECM29 (2015) Rovinj - progress in organisation: A. Višnjevac, M Đaković
- 6.4. ECM30 (2016) Basel – progress in organisation: Katharina Fromm, J Schefer
- 6.5. Bid for ECM31
- 6.6. Bid for ECM32 (K Hradil)

7. European Crystallography School

- 7.1. Progress report on ECS2
- 7.2. Bid from Croatian Crystallographic Association for ECS3

Agenda 2nd day

8. IUCr-ECA link,

9. Initiative for Science in Europe (ISE),

10. International Year of Crystallography 2014

11. National Crystallographic Associations

- 11.1 Grouping ECA member and IUCr non-member countries to IUCr Adhering Body
- 11.2 Observer Countries (Armenia, Belarus, Estonia), non-member countries
- 11.3 African and Middle East-East Crystallographic Region

12. ECA membership

- 12.1 Enlarging the number of IMs and CAMs of the ECA, relationship between ECA, the ECM's and the CAM's
- 12.2 CAM Applications for ECA membership
- 12.3 Report of the Individual Members Representatives

13. Annual Reports regarding SIGs / GIGs activity

- 13.1 SIG.1 Macromolecular Crystallography (Keith Wilson)
- 13.2 SIG.2 Charge, Spin & Momentum Density (Birger Dittrich)
- 13.3 SIG.3 Aperiodic Crystallography (Artem M. Abakumov)
- 13.4 SIG.4 Electron Crystallography (Holger Klein)
- 13.5 SIG.5 Mineralogical Crystallography (Sergey Krivovichev)
- 13.6 SIG.6 Instrumentation and Experimental Techniques (IET) (Robert Cernik)
- 13.7 SIG.7 Molecular Interaction and Recognition (MIR) (Carl Henrik Görbitz)
- 13.8 SIG.8 Powder Diffraction (SIGPD) (Paolo Scardi)
- 13.9 SIG.9 Crystallographic Computing (CCSIG) (Harry Powell)
- 13.10 SIG.11 Extreme Conditions (Leonid Dubrovinsky)
- 13.11 SIG.12 Materials Science (Julien Haines)
- 13.12 SIG.13 Molecular Structures and Chemical Properties (Alessandra Crispini)
- 13.13 GIG.1 Young Crystallographers (Andrew Mahoney)
- 13.14 GIG.2 Senior Crystallographers (Svend Erik Rasmussen)

14. Progress in the European Graduate School of Crystallography

15. Schools, Conferences and Workshops

- 15.1 Request for support from ECA to schools and workshops (Joke Hadermann)

16. Prizes of ECA: Perutz Prize, Bertaut Prize, Poster prizes and fund raising

17. Votes

- 17.1 Vote on the venue of ECM31 (Oviedo)
- 17.2 Vote on the venue of ECM32 (Vienna)
- 17.3 Vote on the venue of ECS2 (Spain)
- 17.4 Vote on the venue of ECS3 (Croatia)

18. The ECA : what to do - where to go Discussion regarding rules and future proceedings

- 18.1 Written contributions from the Councillors as well as from Individual Members are welcome!

19. Any other business

20. Close

Agenda 1st day

1. Opening

1.1. Welcome to Council members and Guests

1.2. Applications for ECA membership

No new applications received

1.3. Review of former e-mail decisions

Between July 2013 and June 2014 the ECA Executive had the following correspondence:

Invited **Excillum** as our latest CAM

Email vote to ratify **support the Laue Symposium** (Commemoration Plaque and speakers expenses) in Poznan..

Invitation for Exec members to attend the **official Opening Ceremony of the International Year of Crystallography (IYCr2014)**, at UNESCO Headquarters in Paris on 20 and 21 January 2014.

The ECA Exec, recommend to the ECA Council that European Crystallography School **ECS2 be held in Spain** and ask our Spanish colleagues to proceed with the formal application to the ECA council for formal ratification, and then the necessary application to Erasmus

The **Croatian** Association of Crystallographers propose to host the third **European Crystallography School (ECS3)**.

The proposed programme of the school as well as the dates are subject to change according to ECS1 and ECS2 feedback and ECA recommendations.

ECA were notified of the intention of **Aperiodic (2015)** to be held in September 2015 in **Prague** and it was requested that this be considered as a **satellite to the Rovinj ECM**. Expected participation is 120-150 persons.

Consideration of Exec meeting location with regards to **VISA requirements**: in order to obtain a Schengen Visa an invitation is required from a resident in a Schengen country and non-Schengen countries such as the UK present difficulties.

Use of the ECA logo on meeting publicity, usually for "scientific endorsement". To provide this we need at least a program, a list of speakers, and some guidelines on the level of excellence required for ECA providing this endorsement. These rules should include a version of the logo that explicitly indicates the position of ECA with respect to the course, for example the ECA logo with a mandatory "Recommended by ECA" or "Sponsored by ECA" or whatever is appropriate. This may seem excessive, but it is important to clarify since ECA already has a special commitment with European Crystallography Schools and the different levels of involvement should be made clear.

Publicised first meeting of the Senior crystallographers Group at ECM28

1.4. Minutes of the Warwick ECM28 meeting

(see compiled reports folder)

2. Annual Reports by the President and the Treasurer

2.1. Report by the President Andreas Roodt (see compiled reports)

My activities as President of the ECA for the past year are briefly described below. Not many specific details are given but the different foci are cryptically summarized where considered relevant.

The past year has seen the historic start of the formal commemoration of Crystallography when the United Nations announced 2014 as the International Year of Crystallography (IYCr2014). While the efforts of the current IUCr executive are applauded, special recognition has to go to the ECA individuals: the immediate past president of the IUCr, Sine Larson, as well as the efforts of our Moroccan colleagues, in particular Abdelmalek Thalal, for finally pushing the idea successfully through its formalities at UNESCO.

I underline that there are many activities and initiatives associated with IYCr2014 across the ECA region. I apologize that I cannot even cover a few percent of this here in this brief report. I would however like to acknowledge everyone who is involved in any effort to promote crystallography, how small or how large it may be. Thank you!

Activities to celebrate IYCr2014 already started at the very successful ECM28 in Warwick during August 2013. For this the community in Warwick, the broader British Crystallographic Association but more specifically Sandy Blake and Elspeth Garman as the co-chairs of the Organising and Program Committees are acknowledged. A special mention must also be made of the Braggs' exhibition and accompanying lecture which presented a 'once-in-a-lifetime-opportunity' to closely observe and experience original artefacts, experimental set-ups and notes of the work and lives of the father and son W.H. Bragg and W.L. Bragg.

During December 2013 I was invited to the African Materials Research Science Conference in Addis Ababa, and attended it on behalf of the ECA, gave an overarching lecture and presented an introductory workshop on crystallography together with Aziz Jazouli (Morocco) to some 24 participants from 5 African countries.

Moving to 2014: A large contingent of ECA members and representatives of ECA member countries attended the Opening Ceremony of the IYCr2014 in Paris, 20-21 January 2014. Although the ECA was not formally represented on the ceremony as regional associate, Russia and South Africa as ECA members of the BRICS countries [Brazil, Russia, India, China, South Africa] participated formally by invitation. Moreover, a number of young crystallographers from the ECA region were also invited for a special session wherein the young participants participated in round table format, and afterwards issued a formal statement on their future perspectives.

During January 2014 I also attended the Council Meeting of the Initiative for Science in Europe (ISE) in Leuven [together with ECA immediate past president S. Garcia-Granda, official representative of the ECA on the ISE] to discuss details and some future actions to pro-actively interact in an overarching manner with decision makers to positively influence scientific decisions of the European Community [member organizations of ISE spans 19 scientific organizations and >330,000 individual members].

The annual Winter Meeting of the ECA Exec Committee in Rovinj during February 2014 was then attended and overseen wherein the complete ECA activities were discussed, as well as ECM28, ECM29 and ECM30. Discussions on the initiatives regarding the IYCr2014 were also included. Some further details of both the February 2014 Executive Committee Meeting and activities, as well as the IYCr2014 initiatives are included in the minutes below.

The winter meeting was specifically scheduled in Rovinj to also allow the ECA Exec to observe the facilities for ECM29 first hand. Ample space for the lectures, poster sessions and exhibitor facilities are at the site. An added bonus is that the accommodation is mostly within walking distance, and to top it all, the location is only some 100 meters from the Adriatic coast, with the magnificent St Euphemia's Basilica as impressive backdrop. The ECA Exec Committee gave the facilities as set out at this stage a unanimous vote of confidence. Rovinj promises to be an excellent venue for a high quality scientific

ECM29 meeting during August 2015 as reflected by the vibrant dynamics in the Croatian Crystallographic community.

I was then further honoured to be invited by colleague Mariucz Jaskolski to Poznan in Poland to co-unveil a special memorial plaque in honour of Max von Laue who spent some of his younger schooling years there. Gautam Desiraju (IUCr president) and Jean Paul Ngome Abiaga (UNESCO) as well as other local colleagues concluded the panel. A special Von Laue Symposium further highlighted other not-so-known detail on the life of Von Laue. Special thanks to Mariucz and all the other Polish colleagues for this great initiative.

I was further invited to officially open and attend the HTCC2014 (Hot Topics in Contemporary Crytallography) workshop organized by Croatian Colleagues Marijana Dakovic and Aleksandar Visnjevac in Šibenik, Croatia during May 2014. Renowned lecturers such as Hans-Beat Buerger (Zurich), Howard Flack (Geneva), Elspeth Garman (Oxford), Regine Herbst-Irmer (Goetingen), Dietmar Stalke (Goetingen) and Pete Wood (Cambridge, CSD) challenged some 25 participants with high level presentations and science.

I then visited Santander, Spain during July 2014 where formal presentation of ECA activities for IYCr2014, together with ACA, AsCA and the newly 4th regional affiliate of the IUCr, LACA (Latin American Association of Crystallography) and IUCr representatives, as well as UNESCO, were shared. This event was organized by Santiago Garcia-Granda and Fermin Otálora. It coincided with the completion of the Spanish Master's in Crystallography thesis evaluation and presentation by 9 students. The activities associated with the IYCr as presented were mind blowing and incredibly exciting. This ranges from teaching science and crystallography, to highest level projects, to training in general, and include too many aspects to mention.

I look forward to the upcoming ECA Council Meeting in Montreal and will report on additional relevant aspects where necessary. Immediate forth-coming activities wherein I am closely involved with includes the 2nd Workshop on Fundamental Crystallography, BloemCrystSchool2 (Bloemfontein, South Africa 23-29 Aug 2014), and the 1st European Crystallographic School in Pavia 30 Aug to 5 Sep 2014) directly following the meeting in Montreal.

In particular, I would like to invite participation by interesting colleagues who has been active, and plans to be in future, in promoting Crystallography in Africa. The Pan African Conference and Summit on Crystallography, entitled: 'Crystallography as Vehicle to Promote Science in Africa and Beyond' will provide a platform to meet with colleagues and policy makers to assist in pro-actively moving forward with science in Africa. This is hosted in Bloemfontein, South Africa, 12-17 October 2014. The summit in particular is one of the three world summits on crystallography (other two: Karachi, Pakistan, and Campinas, Brazil).

Finally, I would like to thank all members of the Executive Committee, SIG and GIG chairs and members thereof, National Members, Individual Members, Corporate Associate Members and students for their support and enthusiasm on the broad range of activities of the ECA. It is fantastic to see and experience the enthusiasm across the sciences as we are proceeding on our quest to expand our passion even more, and will have additional and particular opportunities during IYCr2014 and the years following thereafter. My wish is to encourage participation in this to everyone who reads this message. This is a chance to grab with both hands, and, for all of us to take even more responsibility and be even more involved than we have in the past.

Andreas Roodt.

President: European Crystallographic Association.,UFS, Bloemfontein, South Africa.

The President congratulated all those involved in IYCr activities and asked SIG chairs and national committees to convey thanks from the ECA EC to their workers for IYCr2014The Winter Exec meeting will be in Basel.

2.2. Report by the Treasurer (see compiled reports)

Summary of Transactions July 2013 - June 2014

		Non € Transactions		
	<i>Exchange Rate</i>	26,8348	CZK/€	
<i>Income</i>				
National members				1.529,00 €
Individual members				
	Prague			100,00 €
	ABN Amro			250,00 €
	Credit Card	17.204,25	CZK	641,12 €
Corporate members				3.100,00 €
Surplus Warwick				25.000,00 €
Interest				0,52 €
Total				30.620,64 €
<i>Expenditure</i>				
Webaddress				-77,22 €
Max Perutz	paid by foundation			-5.000,00 €
Poster Prize				-100,00 €
Support of meetings				-7.300,00 €
ISE fee				-1.000,00 €
ECA executive committee meeting				-4.389,47 €
Bank transactions				-165,41 €
Leaflets printing		-11.880,00	CZK	-442,71 €
Leaflets mail		-5.271,97	CZK	-196,46 €
Accountancy	7 years	-58.060,00	CZK	-2.163,61 €
Total				-20.834,88 €
Difference				9.785,76 €

Status of the individual ECA accounts

<i>Account</i>	<i>End of June 2013</i>	<i>End of July 2014</i>	<i>Difference</i>
EUR Netherlands	0,00 €	36.569,49 €	36.569,49 €
EUR Prague	20.686,00 €	138,81 €	-20.547,19 €
CZK Prague	874,54 €	0,00 €	-874,54 €
NL Kamer van Koophandel	362,00 €	0,00 €	-362,00 €
Subtotal	21.922,54 €	36.708,30 €	14.785,76 €

Perutz-Bertaut Darmstadt	83.018,00 €	79.672,13 €	-3.345,87 €
Total Assets	104.940,54 €	116.380,43 €	11.439,89 €

There were no questions on the accounts

3.

3.1. Report of the Auditors for the financial year of 2013 /2014

Audit of the financial status of the European Crystallographic Association (ECA) in 2014

Nominated Auditors :

Jindřich Hašek, Czech Republic
Carlo Mealli, Italy

We have audited the accompanying balance sheet of the ECA for the period July 2013 – June 2014 and the related statements of income, retained surplus and cash flows. The audit is based on the Treasurer's report from July 2014, the report of the Executive Committee and e-mail communication with members of Executive Committee. No primary documents were checked.

The financial statements present the financial position of the Association as of June 30, 2014, and the results of its operations and its cash flows for the reference fiscal year.

July 31, 2014
Jindřich Hašek
Czech Republic

Carlo Mealli
Italy

Current status of the ECA accounts to June 30 2014

The ECA has now only one principal account with cash money at ABN-AMRO Bank. Most of money is deposited in the FUD foundation Darmstadt on a bound deposit intended as a financial source for prizes, stricken as recognition of outstanding scientists. All money from the accounts of the former treasurer were transferred to these two accounts. However, it is still impossible to accept the payment via credit cards at ABN-ABRO Bank. Cash in hand is kept at minimum.

ABN-AMRO Bank

The new account was opened in June 2013 in the Netherlands Bank ABN-AMRO.

The name of the account is "European Crystallographic Association".

IBAN: NL88ABNA0483400319, BIC-SWIFT: ABNANL2A.

Responsible person: C. Lehmann (Germany)

Total sum: 36 570 EUR

Account in Darmstadt – the foundation hosted by the "Friends of the University of Darmstadt" (Responsible person: H. Fuess, Germany)

Total sum: 79 672 EUR.

In June 2013 the deposited sum was **83 018 EUR**, the difference being due to the cost of the Max Perutz Prize of **5 000 EUR**.

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The total amount of money in the ECA accounting is 116 380 EUR at June 30th 2014. However, about 2/3 of this financial amount are blocked at the FUD foundation and cannot be used directly by the ECA. The accessible current assets are only those deposited in ABN-AMRO Bank, i.e. 36 570 EUR

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The overall budget increased by **11 440 EUR** with respect to the corresponding date in 2013.

INCOMES

Part of the difference is due to the surplus of 25 000 EUR from the ECM 28 in Warwick. Additionally, a surplus of 4 800 EUR is expected from the organizers of ECM 27 in Bergen to be reported in the next financial year. The income from Individual, National and Corporate Members remains almost constant in last years (**5 620 vs. 5 186 EUR**).

EXPENDITURES

- a) due to an accounting problem, the meeting of the Executive Committed in Rovinj was in part doubly charged, but the excess payment will be returned and accounted for in the next financial year.
- b) the IUCr fees were not found in the expenditures.
- c) A total sum of 3 550 EUR has been allotted by the ECA to support educational activities (e.g. the Electron Cryst.School, BioSAXS School, Erice School), the amount is comparable than that spent in the years 2012-13 and 2011-12.
- d) Most of money spent by the ECA went in prizes, stricken as the recognition of outstanding merits.

RECOMMENDATIONS FROM THE AUDITORS

In the past years, we have already raised some of the points below for an adequate management of incomes and expenditures. We propose again some of them and new ones.

1) ECMs and support of workshops and schools

Organization of the various ECA events in different countries should refer to some common principles:

It is important to recommend that, in a bid for a future congress, the members of the ECA Council deeply consider the ratio between advantages and disadvantages (especially the financial ones) in choosing a venue in place of another. In particular, the costs for reaching the place and accommodation facilities (especially for young scientists) shall be given clear priority.

The local (non-professional) organizers, after having been assigned the congress, shall discuss with the Executive Committee some basic goals and services to offer. In particular, a responsible person from the Executive Committee shall approve the Agreements with the Conference Center and professional agents before it is signed.

The Executive Committee should nominate an experienced person (e.g., some organizer of some previous successful ECM) to identify possible risks. Any serious financial problems shall be promptly discussed with him and the Executive Committee

2) Administration burdens

- The policy used by the ECA members is a long-standing problem not completely unified as yet. In principle, the payment by IM through credit card is optimal, but as already proposed, the ECA membership could be possibly issued together with the registration fee at one ECM congress. In any case, we recommend that the Executive Committee define the standards for the years to come.

- The Auditors recommend adopting a policy of a free ECA membership fee for students and retired people. The effect on the total ECA budget shall be negligible, with the advantage of reducing the administration burdens which arise when dealing with various types of membership. The free membership allows more people to stay active in the ECA, especially when they cannot afford extra costs from their own pocket.

CONCLUSIONS

Both auditors authorize the bookkeeping the ECA in the fiscal period 2013-2014.

The financial status of the ECA continues to be excellent. The sound administration over the last ten years has favored a surplus, which has exceeded the expenditures by more than € 100 000 thousand.

Concerning the prompt availability of cash, hence the financial security, the available sum only 36 000 EUR is apparently scarce comparably with the about 80% ECA assets detained by the FUD foundation) and should be increased in the next few years.

The auditors recommend to modify the saving scheme, for example this way:

Keep the current account in the ABN-AMRO bank at a level 10-20000 €, in order to solve all the in- and out- money transfers.

The exceeding **money shall be kept also in the ABN-AMRO bank in a related account with higher interest** (e.g. in the *capital savings account currently having 1.5 % interest* (see <https://www.abnamro.nl/en/personal/savings/spaarrente.html>). This account is intended as a deposit, while only transfers to or from the current ECA account are supposed.

The deposit in the FUD foundation shall be fixed to a definite sum (e.g., 80-100000 €), and maintained at the same level year after year. Only the accrued interest must be transferred from FUD to the ECA account at the end of each fiscal year.

Collection of fees.

No payment of membership fees has been available in the past two years. The ABN-AMRO Bank shall be activated to allow credit card transactions in the immediate future. If the service has not been provided because ECA is seen as a recent customer with a too small business, it might be important to increase the deposit in the bank.

Up to 2013, the collection and registration of the ECA membership fees was carried out for eight years completely free of charge. The auditors are skeptical about putting the service in the hands of a specialized company. Given that the fees are generally low, they will not compensate the presumable high costs.

Auditors agree that the collection of a high number of small amounts of money is administratively difficult. They previously suggested possible actions to minimize the administrative costs. For instance:

cancel small fees from students and retired people and generally remove differences
try to leave the collection of individual fees to the national adhering bodies and only collect the overall payments from individual states.

support long terms payments for 3-5 year periods

FUD foundation.

As mention, a large portion of the ECA funds is deposited at the FUD foundation. In general, the cooperation of the latter with the ECA executive committee works well. However, it would be wise to state and countersign some important legal issue, concerning the relations between the two organisms, also in view of the frequent variation of the responsible persons.

The Agreement with FUD shall refer to general issues, such a declaration of rights, the ownership of the funds, the subdivision of the assets, well defined rules for the conclusion of some specific activities, and more. It is not clear to these Auditors how the shares are subdivided amongst ECA, ENSA (European Neutron Scattering Association) and other FUD members.

A ECA representative in the board of FUD is important, but it does not solve all the issues related to the correct bookkeeping of the ECA finances. For instance, the FUD budget varies somewhat every year, while the costs attributable to ECA are about constant. In general, any variation in the FUD budget also requires to be registered in the ECA records. A simple solution would be to maintain constant the ECA capital at FUD (say, 100000 €) and to transfer each year the possible interests to the ABN-AMRO account. In this manner, the financial report concerning FUD has only to be equally recorded each year. It is also important that any ECA bill is settled through the current ABN-AMRO account.

SAFETY.

The auditors also recommend the following safety rules

To maintain ECA banking crystalline clear, all transactions shall be done through the **current account in the ABN-AMRO bank**. The bookkeeping of all other ECA assets shall be minimized by referring only to a limited number of well defined statements.

Each ECA account shall involve **at least two persons authorized** to sign or co-sign any money transfers (the accessibility of accounts in case of some accident).

Any person authorized to financial transactions must sign a **Statement of Indemnity**, which clarifies his/her financial responsibilities.

All financial transfers and credit card allocations through the ABN-AMRO bank should be maintained under a safety limit (e.g., € 15000). **Any exceeding sum shall be saved on a related account** with limited access, minimal transfer and a higher interest.

The transfer of any large sum from any ECA account shall be co-signed by two responsible persons.

July 31, 2014

Jindřich Hašek
Czech Republic

Carlo Mealli
Italy

4.

4.1. Report by the Vice-President Alessia Bacchi also on the Perutz, Bertaut and poster prizes (see compiled reports folder)

There were no questions on the Vice President's report

4.2. Report by the Past-President Santiago Garcia Granda (see compiled reports folder)

Report of the ECA Immediate Past President for 2013 - 2014

Since our last ECA Council Meeting at ECM28 Warwick (UK) I continued serving the association as Immediate Past President, dedicated to my specific tasks ie. Keep the memory and control the outgoing tasks and ECM related business.

In the last year I attended all Executive Committee and Council meetings ie at ECM28 Warwick (UK) in August 2013 and the Rovinj (Croatia) Executive Committee winter meeting in February 2014. During these events, and also regularly by email in between, I have tried to provide a variety of inputs eg on details relevant to ECM29 and ECM30 or IUCr23. Specifically, as member of the ECM29 and ECM30 Program Committees, I was deeply involved in the scientific programs in particular for the immediate ECM29. Prof. Andreas Rood and I attended the ISE General Assembly 7th Feb 2014 at Marie Therese College in Leuven (Belgium). I reported to the ECA Exec Committee at the winter meeting. I have been involved in the elaboration of the ECA Leaflets for 2014 and in the design and transition of the old to the new ECA web Page. Regarding the ECA activities within the IUCr International Year of Crystallography (IYCr2014), As appointed coordinator my main activity was to group all current initiatives within the ECA through a dedicated webpage for the ECA-International Year of Crystallography, .as our application to the IUCr was not consider to be funded. We attended the IYCr2014 Opening Ceremony in the UNESCO headquarters in Paris, also .promoted one workshop to follow up the IYCr2014 activities worldwide at held at the IUMP in July 2014, with the participation of UNESCO, IUCr and Regional Associations representatives. Among other initiatives the European Virtual Final with the winners of the Crystallization in the School competition all around Europe. I shall attend the IUCr23 General Assembly in Montreal to participate in both ECA and IUCr meetings.

Prof Santiago García-Granda

There were no questions on the Past President's report

4.3. Report by the Secretary Georgina Rosair on summary of the work of the Executive Committee

The Executive committee met in February 2014 in Rovinj and we are very grateful for our hosts Aleksandar and Marijana for arranging this. We discussed progress with the ECMs for Rovinj and Basel as well as the previous ECM in Warwick. This forms a major part of the meeting as good practices and lessons learned are passed onto new organisers. The Exec Committee and organisers have the opportunity to ask questions and try to solve any difficulties that may arise. Progress reports on these ECMs are included in this document.

The Executive committee has been working on initiatives to celebrate International year of Crystallography 2014 (see Presidents report and item10). In March we submitted a list of European projects to the President of the IUCr.

A European Crystallography School in 2014 to be held in Italy is being organized, coordinated by Michele Zema as well as a Masters in Crystallography in Spain and Fermin Otalora is on the organizing board for this.

We are always looking for ways to increase Individual membership of ECA and so we propose that Council members to target potential candidates for Individual Membership through the World Directory of Crystallographers

4.4. Report by Olga Yakubovich on ECA links and National Councils (see compiled reports folder)

- ECA-ACA-AsCA link

In accordance with "Actions list" from ECA EC meeting in Rovinj, February 2014

I forwarded a copy of the letter to Prof. Desiraju concerning an IUCr travel fund for the Regional Representatives to make possible their participation in the annual meetings of the AsCA, ACA and ECA to Prof. A. Roodt.

Adhering Bodies

- Union of the Regional Committee of Cryst. (Algeria, Latvia, Morocco, Tunisia, Turkey, Ukraine)

In the situation when the Turkish Cryst. Assoc. is making the application to the IUCr for a full membership, there is a question about a new leader of the Union of the Regional Committee of Crystallographers. As we discussed during the ECA EC meeting in Rovinj and in accordance with an opinion of Prof. Ozbey, Morocco could become the leader and furthermore they may be the primary candidate for applying for a full membership of the IUCr. My letter to Prof. Thalal with a question about his personal opinion has been sent to A. Roodt for further discussions with the Moroccan Association.

No new information about the situation with crystallography in the country has been received from Latvia. I could not get in touch with people from Ukraine. No representatives from Latvia and Ukraine were presented at the ECM 28 in Warwick.

- Observer Adhering Bodies (Armenia, Belarus, Estonia)

I could not establish contacts with crystallographers from Armenia and Estonia. No new information was received from Dr. Lyakhov regarding perspectives to create the national Crystallographic Association in Belarus. People from Belarus, Armenia, and Estonia did not attend the ECM 28 in Warwick.

- Non-member Adhering Bodies (Moldova, Romania, Lithuania, Bosnia-Herzegovina, Iran, Albania)

I got no news from crystallographers of Moldova, Romania, Iran and Albania.

I established contacts with Dr. Mevlida Operta from the Faculty of Natural Sciences and Mathematics at University of Sarajevo. She gives lectures on mineralogy and crystallography at the Department of Chemistry. She wrote to me about some three colleagues working in mineralogy and crystallography in Tuzla. All of them are in a very difficult financial situation. We have discussed a possibility to attract the crystallographers from Bosnia-Herzegovina to the ECA in a status of observer, may be.

In accordance with our discussion in Rovinj I forwarded a letter to Dr. Grazulis from Vilnius (Lithuania). It was a question if the ECA Ex could morally support the COD (an open database for crystallographers, which is mainly developed in Vilnius). It has been suggested to Dr. Grazulis to address with a request of support to the ECA Council in order that the Council votes for or against this support. I have forwarded this information in Vilnius, but I received no answer from Dr. Grazulis.

- Russian Federation

No news from the Russian National Committee of Crystallography is available.

4.5. Report by Udo Heinemann on SIG/GIG organisation

See compiled SIG reports in

https://www.dropbox.com/sh/pclpsliclw543to/AAAb068_3sd-SXnGXH0y9dixa

4.6. Report by Joke Hadermann on sponsorship of meetings and schools (see item 15.1)

4.7 Report by Fermin Otalora on education and the website related activities

During the winter meeting last February, a prototype of the new ECA website was presented to the Executive Committee and discussed. In addition to a more modern and appealing feel, the site features a better integration of the SIG/GIG activities, social networking features and an more dynamic updating of features based on database services and automatic content syndication. Unfortunately, the popularization and outreach activities of my laboratory during 2014 and the lack of IT technicians there have frozen the progress since February. Finishing and deploying the new site will be a priority from October to the end of the year.

The new services to be implemented in the website, and the central role of SIG/GIGs in the site contents requires additional involvement of the SIG/GIG and National Members coordinators. The new site design will be equipped with databases for jobs, conferences and events that should be feed by the people closer to this information. For example, some level of commitment by national members is required to have the national meetings/events database running, the same applies to thematic meetings in the fields covered by SIGS, GIG1 should play a central role in keeping the jobs database updated, GIG2 should be in charge of the “ECA history section of the website”... A more active site connected to social networks means more information moving, and this will not work if it is only the responsibility of the webmaster.

The internet domain crystallography.eu became available by the beginning of 2014. It was acquired by ECA webmaster and now belongs to the association. Currently it is linked to ecanews.org and probably this is the best use we can make of it. Policies should be defined to decide which of the addresses (ecanews.org or crystallography.eu) is to be publicized as the main address of the association.

Social Networks

Accounts for the association have been created in the main social networks. Most contents will be “echoed” from the web site, but somebody must be in charge of managing/updating these accounts and to upload to the web site interested contents posted to social networks but not to the web.

These accounts are:

@social_eca (twitter)
ecanews (facebook)

They are empty currently. The convenience of being present in specialized social network like ResearchGate and the procedures for this presence should be addressed by the Executive Council. Because of the nature of these networks, this presence can be best handled by the SIGs, but probably under an unified ECA account to avoid spreading the visibility of the association.

SIG/GIG email lists

Proper email lists have been a repeated demand by SIG/GIGs. Currently the Executive Committee email list is served by the email lists server of my association (Spanish National Research Council, CSIC), but having email lists running for all SIG/GIGs in this server is not practical because SIG/GIG coordinators will not be able to administer the list, because a CSIC institutional account is required for these duties, and it will raise problems when the ECA webmaster changes and everything must be relocated at a different email lists server.

For this reasons, external services have been studied that allow having permanent email lists served independently of the ECA webmaster. Accounts have been created for all SIG/GIGs at google groups. They are already working, but I did not found time to prepare a set of directions/policies for their use to be sent to SIG/GIGs coordinators. This should be finish within a few weeks.

ECA Leaflet

A new version of the ECA leaflet has been prepared and printed. It will be distributed by the exhibition booth at IUCr Congress in Montreal. Printed copies will also be distributed to the members of the Executive Committee. A lightweight version will be available to download it from the ECA website.

The redesign of the leaflet has been decided to clearly show the ECA activities and encourage membership. The message main message is “Being a member of ECA shows your commitment with the development of crystallography in Europe, Africa and the Mid East and helps the association in supporting educational and scientific activities”. This message must be complemented with some added value of “the community”, but this is not yet implemented in the website and is mainly driven by the SIGs. A better integration of the SIGs within the ECA website and the implementation of added-value services (a proper jobs database and information-sharing services) will allow further promotion of ECA membership.

Other activities

“Crystallography and Society” is a three days course organized as the last course of the Spanish Master in Crystallography and Crystallization just before the presentation of the Master Thesis by students. It is organized by the direction of the master (Fermín Otálora and Santiago Garcia-Granda) with the participation of key international lecturers on the selected topic, and doubles as a Santander Summer School of the Universidad Internacional Menendez Pelayo. The 2013 and 2014 editions have been devoted to the activities of the International Year of Crystallography.

The program of the last edition included the following lectures:

IYCr2014 Milestones, Elena Boldyreva

IYCr2014: UNESCO overview, Jean Paul Ngome Abiaga

Round table on the IYCr 2014, All Speakers

IYCr2014: on going:

American Program, Martha Teeter

Latin American Programs, Iris C. L. Torriani

European Program, Andreas Roodt

Spanish Program, Santiago García Granda

Project Krystalla: A package of ideas to popularize crystallography for IYCr2014. Fermín Otálora
From X-ray tubes to X-ray lasers: Large Facilities for Crystallography, **Gordon A Leonard**

5.

5.1 Elections

IM election There are no elections this year.

6. Reports regarding ECMs

6.1. ECM Guidelines

6.2. ECM28 (2013) Warwick final numbers and summary: A. Blake, E. Garman

Report on the 28th European Crystallographic Meeting, August 2013, in Warwick UK (E Garman, A.J Blake)

(For appendices on bursaries see compiled reports folder)

Final Report on ECM28

1. Delegate numbers and financial outcomes

A total of 855 delegates from 50 countries registered for ECM28, of which 196 were students. Both sponsorship and Commercial Exhibition income were healthy – Agilent was our Gold Sponsor. We were able to keep to the schedule of fees for registration and accommodation that we set out at ECM25 in Istanbul. We have been able to donate GBP

21,000 (*ca.* 25,650 euros) to both the ECA and the BCA. A final financial reconciliation showed that all refunds have been paid, all financial commitments including taxes have been met and that there are no residual funds. The ECM28 Company has now ceased trading: it has recently been wound up and the Trustees thanked.

2. Bragg Centenary

ECM28 celebrated the centenary of the pioneering work of W.H. Bragg and W.L. Bragg, most notably in the form of the Two Braggs Exhibition organised by Mike Glazer and Pam Thomas which featured historic equipment, notebooks, honours, letters, films and artwork, and in the special Bragg Symposium which started the ECM28 scientific programme.

3. Social programme

Social events included the ECM28 Opening Ceremony/Recital/Reception, The Young Crystallographers Mixer, The Gala Dinner and the Closing Ceremony.

4. Scientific and related events

Just as the special Bragg Symposium began the ECM, the Plenary Lecture by Professor Dan Shechtman, winner of the 2011 Nobel Prize in Chemistry for his discovery of quasicrystals, was the highlight of the last day of ECM28. The meeting had also featured the 7th Max Perutz Lecture by Professor Randy Read. Poster sessions and a large, oversubscribed Commercial Exhibition formed important components of the Meeting. Keynote Lectures (16) and Microsymposia (46) defined the scientific core of ECM28, along with less formal events such as the Software Fayre, a careers advice session, book readings, corporate workshops and the showing of films related to crystallography. We adopted a very broad definition of “cultural events”.

5. Poster Prizes

At ECM28 there were 15 Poster Prizes from 11 sponsors. By using different locations including the Commercial Exhibition Hall, it was possible to display all posters for the duration of the ECM, allowing 12 opportunities to see each poster. Awarding the Poster Prizes at the Closing Ceremony provided a strong focus for that event, and we recommend this over presenting them at the Gala Dinner where the acoustics and sightlines may not be optimal.

6. ECM28 News

A news sheet with details of each day's events, programme updates and other announcements, edited by Richard Cooper and Paul Raithby, was available from the Conference Reception and various locations around the Arts Centre each morning. Some experimentation with delivery mechanisms was needed: delivery to the breakfast tables was deemed effective. Producing such a news sheet can be expensive but we believe it is worthwhile, especially when there are many events each day and additions or changes to the programme.

7. Satellite Meetings

There were five Satellite Meetings to ECM28, including the inaugural meeting of the European Young Crystallographers Group (EYCG), which providing a unique and dynamic forum for younger scientists. The substantial financial support that ECM28 provided for the EYCG Satellite Meeting may not always be possible for other local organisers: a more sustainable funding model is desirable.

8. Excursions

For accompanying persons, excursions to Warwick Castle and to the Shakespeare Experience were available. A total of 55 mainly overseas delegates attended a special post-ECM scientific excursion to Diamond Light Source and the ISIS Neutron Centre, two of the UK's major research facilities for crystallographic studies. We noted the low number of accompanying persons who were formally registered.

9. ECM28 mobile application

ECM28 used a mobile application that can be accessed from any iPhone, Android, Blackberry or Tablet. We found this to be a useful planning tool for ECM organisers, but it was designed primarily for delegates. These applications are not cheap to commission, so it would be useful to get feedback on how well-used, useful and cost-effective it was.

10. Significant points and issues

- The local organisation was largely handled by an expert PCO (NNE).
- The ECM28 Opening Ceremony was **streamlined** with only four speakers including the Chair.
- We upgraded to **higher-quality lunches** and we believe that this was much appreciated.
- We financed substantial evening meals on the Monday and Tuesday. This meant that **food was provided** on all four evenings, thereby **aiding cohesion and interaction**.
- The scientific programme was largely coordinated by two people. This is a major task: it really needs a much larger team, but they must be tightly coordinated.
- We did not always get prompt replies from the EC about proposals for the scientific programme. Is setting **sensible deadlines for responses** the answer?
- It was unclear who was **responsible for soliciting Poster Prizes**, with the result that we had to make late arrangements. However, we still had to replace the EMU Poster Prize.
- **The site visit was held only five months** before the ECM, which was too late to make changes. Fortunately the site was deemed satisfactory.
- We maintained communications with ECM29, providing a “paper trail” about problems and how we solved them.
- The unexpected delegate behaviour during the registration process caused significant backlogs and delays. The main reason was that **many delegates did not complete the procedure in one session** and so were locked out of the system as a precaution against duplicate registrations.

11. Outstanding tasks

We are not aware of any outstanding tasks regarding ECM28.

12. Ongoing matters

We have continued to provide advice, when asked, by the organisers of ECM29 and ECM30. We will attend relevant meetings regarding ECM29 during the IUCr Congress in Montreal.

Sandy Blake (Chair) and Elspeth Garman (Co-Chair)

16 June 2014

The President thanked all involved in ECM28 at Warwick for a very successful and enjoyable meeting.

Progress Report on ECM29 A. Višnjevac, M Djakovic
(see compiled reports folder)

For the young crystallographers meeting at ECM29 the organisers recommend day 6 rather than day 0 as prices are cheaper.

For ECM29 a custom made abstract submission process is being pioneered whereby abstract submission and peer review will be streamlined (if this works well it will be very useful for other meetings)

6.4 ECM30 (2016) Basel – progress in organisation Katharina Fromm
(see compiled reports folder)

6.5 Bid for ECM31 (2018) Presented by Santiago Garcia Granda
There were no competing bids so the bid was accepted.

6.6 Bid for ECM32 (2019) presented by Klaudia Hradil
(see compiled reports folder)

The Austrian committee had tried to book for an earlier year but the venues were not available. There were no competing bids so the bid was accepted.

7. European Crystallography School

Report on the progress of the ECS1:

Successful Applicants have been notified and the School is oversubscribed. The School starts on Thursday 28 August (the school will open at 3 pm) and finishes on Saturday 6 September

The website <http://ecs1.azuleon.org/> is regularly updated with news of the School

Lectures by 24 lecturers from 10 countries are confirmed and the participation of students will be excellent (120 students selected from 30 countries among 200 applications, 50 students supported by full or partial bursaries). The level of sponsorship has been also quite successful (11 sponsors plus 10 supporting institutions). Full information is contained in the Council Report by Michele Zema. (see compiled reports)

ECS2 Spain

ECS2, to be held in Mieres, near Oviedo, Spain, is being prepared mainly by Santiago García Granda. A preliminary program has been discussed and proposed by a steering committee composed by Santiago García-Granda, Mois Aroyo and Fermín Otálora. Full information is contained in the Council Report by Santiago Garcia-Granda. An ECS2 website is being developed.

ECS3 Croatia (see compiled reports folder)

A presentation was made on the Croatian bid to host the ECS3

8. IUCr-ECA link, IUCr-ECA link

9. Initiative for Science in Europe (ISE)

(see **Past President's report**)

10. International Year of Crystallography 2014

(covered elsewhere)

11. National Crystallographic Associations

11.1 Grouping ECA member and IUCr non-member countries to IUCr Adhering Body

(see compiled reports folder)

11.2 Observer countries (Armenia, Belarus, Estonia), non-member countries

(see compiled reports folder)

11.3 African and Middle East-East Crystallographic Region

12. ECA membership

12.1 Enlarging the number of IMs and CAMs of the ECA, relationship between ECA, the ECM's and the CAM's ECA encourages crystallographers in member countries to become Individual members , to support pan European crystallographic activities and assist crystallographers in neighbouring countries with few resources , and you get a discount on the ECM.

Please ensure Christian Lehmann has your countries representatives contact details (you may have received the letter from him at Council)

12.2 Report of the Individual Members Representatives

13. Annual Reports regarding SIGs / GIGs activity

(see SIG reports folder)

14. Progress in the European Graduate School of Crystallography European Crystallography Master

A master program is being defined. This program will be based on four semesters (120 credits). On the basis of our experience with the Spanish national master, we know that registered students come from widely different fields and have equally different scopes for their future work. For this reason the structure of the master will include four different modules:

Module 1. The master must start with an unified introduction to the fundamental crystallographic concepts, Core Subjects, so that all students end up “fluently speaking crystallography” and being able to communicate with their colleagues, independently of their specialty. This is crucial if we want to keep "Crystallography" as a knowledge field in its own, despite the many fields using crystallographic knowledge and methods

. Four courses will be included in this module:

-
- Mathematical, physical and chemical basis of Crystallography
 - Fundamentals of crystallization
 - Fundamentals of diffraction and imaging methods
 - Introduction to crystal structure solution and refinement
-

Module 2. In the second (specialized) module, students take the fundamental knowledge to application in their field of interest. It is unpractical to teach the same courses to a “macromolecular” crystallographer, a “chemical” crystallographer and a “materials science” crystallographer. Even if all of them need to know how to solve a structure, produce and handle crystalline samples, collect data, define and perform a diffraction experiment, use phasing methods, refine structures... the practical aspects of these tasks change as a function of the files; not to talk about specialized topics like purification of proteins or solving modulated structures.

Consequently, the first module on “Core subjects” will run with all enrolled students, probably in Spain, and followed by the modules on “Chemical Crystallography”, “Macromolecular Crystallography” and “Materials and Mineralogical Crystallography”, each of them in a university having a well recognized experience in the field. The students should select one of these three options. The list below contains a minimum set of contents to be taught within the module.

Additional topics can be discussed. Each university teaching one of these modules should provide lecturers to cover the whole program or most of it. Some of the topics can be covered by lecturers from other universities within the Erasmus mobility framework.

- Chemical Crystallography
 - Molecular Interaction in Crystals
 - Crystallization methods
 - Data Collection and Processing
 - Phasing methods
 - Refinement
 - Structure validation
 - Data Bases and online services
 - Crystallography of Functional Materials
 - Crystallography in non-ambient Conditions
 - Electronic Densities, Charge Density
 - Rietveld Methods
 - Instrumentation and Large Facilities
-

- Macromolecular Crystallography
 - Sample preparation (expression, purification, crystallization)
 - Data Collection and Processing
 - Phasing methods
 - Model Building
 - Refinement
 - Structure Validation
 - Data Bases and on-line services
 - SAX Methods
 - Electron Microscopy
 - Automated structure solution: Software Pipelines
 - Instrumentation and Large Facilities
-

- Materials and Mineralogical Crystallography
 - Physics of Condensed Systems
 - Thermodynamics (Stability, Phase Diagrams, Phase Transitions, Solid Solutions)
 - Anisotropic Physical Properties
 - Polymorphism
 - Surfaces and Thin Films
 - Crystal Morphology
 - Data Collection and Processing
 - Phasing methods
 - Refinement
 - Non-ambient diffraction
 - Powder Diffraction (characterization)
 - Rietveld Methods (structure)
 - Electron Microscopy and Diffraction
 - Neutron Diffraction
 - Soft Materials
 - Bio-mineralization
 - Defects Structure
 - Aperiodic Structures
 - Instrumentation and Large Facilities
 - Spectroscopic Methods complementary to Crystallography
-

Module 3. Research Stage. After the second module, students will go for a stage in agreed laboratories where they will do real laboratory work on a specific problem, under the supervision of a researcher from that lab; this will be the topic of their Master Thesis. These stage labs can be in one of the universities teaching modules 1 or 2 or elsewhere.

Companies and Large Research Facilities should also be eligible for these stages.

Module 4. Master Thesis. During the last semester students must work on the preparation of their master thesis using the results obtained during the practical stage (module 3) to prepare

- a written report in the form of an article manuscript ready to be sent to journal of the field and
 - a 20 minutes presentation of the same results ready for a scientific conference
-

On-line courses on transversal skills like scientific writing, oral communication, data analysis and presentation, etc. will also be included in this module.

A number of European universities have been contacted as potential members of the consortium teaching this program: Università di Padova

(Italy), Praha University (Czech Republic), University of Lübeck

(Germany), University of Oxford (United Kingdom) and Trinity College Dublin (Ireland). An Erasmus+ Proposal will be prepared for the next call for proposals. The European Commission has announced that it plans to publish the 2015 Call for applications for Erasmus+ funding in September 2014. The dates of all Erasmus+ application deadlines for 2015 will be communicated as part of this Call. The convenience and feasibility of integrating this proposal to KA1 for Joint Master Degrees with a proposal to KA2 to cover the strategic partnerships in the field of education and training required for ECA activities such as ECS is being considered.

15. Schools, Conferences and Workshops

15.1 Request for support from ECA to schools and workshops
(see compiled reports folder)

Name of event : XV British Crystallographic Association Intensive Teaching School in X-ray Structure Analysis

Venue : Trevelyan College, Durham University, Durham, UK.

Dates : 21-29 March 2015

Contact Person: Judith A. K. Howard, FRS, CBE / Dr Hazel A. Sparkes

Name of event : The 29th European Crystallographic Meeting (ECM29)

Venue : Rovinj, Croatia

Dates : August 23-28, 2015

Contact Person: Ana Santic

Name of event : Engineering Crystallography: from Molecule to Crystal to Functional Form

Venue : Ettore Majorana Foundation and Centre for Scientific Culture – Erice (TP) - Italy

Dates : 5-14 June 2015

Contact Person: Annalisa Guerri

Name of event : SAGAMORE XVIII Conference on Electron Charge, Spin and Momentum Density

Venue : Santa Margherita di Pula (Cagliari), Sardinia,

Italy

Dates : 7-12 June 2015

Contact Person: Carlo Gatti

Name of event : The Zurich School of Crystallography 2015 – Bring Your Own Crystals

Venue : University of Zurich, Zurich, Switzerland

Dates : June 7-20, 2015

Contact Person: Anthony Linden

Name of event : Aperiodic 2015

Venue : Brevnov Monastery , Prague , Czech Rep

Dates : 1-6 Sept 2015

Contact Person: Michal Dusek

Name of event : 3rd School on Crystal Structure Determination from Diffraction Data; Application on Powder Samples

Venue : Sousse-Tunisia

Dates : 9-12 April 2015

Contact Person: Rached Ben Hassen

Schools supported in 2014:

start date	end date	name	organiser	days	country	reg. costs students	Expexted #participits	Granted
Oct-13	Jul-14	Master in Crystallography and Crystallization E-MCC	Juan Manuel Garcia Ruiz	300	Spain			2000
16/10/14	17/10/14	2014: Crystal (CI-) Year	Camillo Rosano	2	Italy	200	200-250 p	1000
07/04/14	11/04/14	Electron Crystallography School	Ute Kolb	5	Germany	350	60 p	1050 = 3 registrations
10/05/14	15/05/14	Hot topics in Crystallography	Aleksandar Visnjevac	6	Croatia	0	20 st	750 = two full grants including travel

30/05/14	08/06/14	Erice Structural Basics of pharmacology	Annalisa Guerri	10	Italy	1200	160 p	1200 = 1 full grant without travel
07/04/14	11/04/14	Structural biology: using synchrotron radiation to visualise biological molecules	Silvia Onesti	5	Italy	0	30 st	1200
13/10/2014	15/10/2014	XVIII International Conference on Crystal Chemistry, X-ray diffraction and Spectroscopy of Mineral	Stanislav Filatov	3	Russia	50-100 USD	100-150 p	1200
5/4/14	10/4/14	Strategic pipeline planning: from sample preparation to 3D structure determination with bio SAXS and other biophysical techniques	Irene M. Mavridis	6	Greece	50	25 p	1200

16. Prizes of ECA: Perutz Prize, Bertaut Prize, Poster prizes and fund raising

(see Report by Vice President in compiled reports folder)

There will be calls for the Bertaut prize (Young scientist) <http://www.ecanews.org/ecaprize.php>

17. Votes

17.1 Vote on the venue of ECM31 (not required)

17.2 Vote on the venue of ECS2 (not required)

18. The ECA : what to do - where to go Discussion regarding rules and future proceedings

18.1 Written contributions from the Councillors as well as from Individual Members are welcome!

19. Any other business

20. Close

List of attendees:

	Voting Right	Council meeting 1	Council meeting 2
Algeria	Yes		
Austria	Yes	Klaudia Hradil	Klaudia Hradil
Belgium	Yes	Prof. Dominique Maes	Prof. Dominique Maes
Bulgaria	Yes		
Croatia	Yes	Aleksandar Visnjevac	Aleksandar Visnjevac
Czech and Slovak Rep	Yes	Jindrich Hasek	Jindrich Hasek
Denmark	Yes	Anders Ø Madsen	Anders Ø Madsen
Egypt	Yes		
Finland	Yes	Kari Rissanen Simo Huotari	Kari Rissanen Simo Huotari
France	Yes	Jacqueline Cherfils	
Germany	Yes	Susan Schorr	Susan Schorr
Greece	Yes		
Hungary	Yes	Petra Bombicz	
Ireland	Yes		
Israel	Yes		
Italy	Yes	Carlo Mealli	Carlo Mealli
Latvia	Yes		
Society of Chemists and Technologists of Macedonia,	Yes	Pance Naumov	
Morocco	Yes		
Netherlands	Yes	Celeste Reiss	
Norway	Yes		Carl Henrik Gorbitz Karl Tornroos
Poland	Yes		
Portugal	Yes		
Russia	Yes	Irina Makarova	Irina Makarova
Serbia	Yes		
Slovenia	Yes	Anton Meden	Anton Meden
South Africa	Yes		C Esterhuysen
Spain	Yes	Fernando Lahoz	Fernando Lahoz
Sweden	Yes	Elisabeth Sauer-Erikson	Elisabeth Sauer-Erikson
Switzerland	Yes	Jürg Schefer	Jürg Schefer
Tunisia	Yes		
Turkey	Yes	Süheyla Özbey Ahmet Erdonmez	
UK	Yes	Claire Wilson	Claire Wilson
Ukraine	Yes		
	Yes		

IM representative (2012-15)	Yes	Bill Clegg	Bill Clegg
IM representative (2012-15)	Yes	Kamil Dziubek.	Kamil Dziubek.
CAM representative (2011-2014)	Yes	Tony Savill Jörg Wiesmann	Tony Savill Jörg Wiesmann
<i>Observers</i>			
IUCr	No		
Armenia	No		
Belarus	No		
Estonia	No		
<i>SIG's representatives</i>			
SIG 1	No		
SIG 2	No		Birger Dittrich
SIG 3	No		Artem Abakumov
SIG 4	No		
SIG 5	No		
SIG 6	No		
SIG 7	No		Carl Henrik Gorbitz
SIG 8	No		
SIG 9	No	Harry Powell	Harry Powell
SIG 10	No	closed	
SIG 11	No	Karen Freise	Karen Freise
SIG 12	No	Julien Haines	Julien Haines
SIG 13	No	Marijana Djakovic	Marijana Djakovic
GIG1	No	Celine Mariette	Sofiane Saouane
GIG2	No		
<i>Auditors</i>			
Auditor (2013-14)	No	Jindrich Hasek	Jindrich Hasek
Auditor (2013-14)	No	Carlo Mealli	Carlo Mealli
<i>ECM's representatives</i>			
ECM28-2013	No		Alexander Blake
ECM28-2015	No	Alexandar Visnjevac, Marijana Djakovic	Alexandar Visnjevac, Marijana Djakovic
ECM28-2016	No	Katharina Fromm Juerg Schefer	Juerg Schefer
<i>Executive Committee</i>			
President	No	Andreas Roodt	Andreas Roodt
Vice-president	No	Alessia Bacchi	Alessia Bacchi

Past-president	No	Santiago García-Granda	Santiago García-Granda
Secretary	No	Georgina Rosair	Georgina Rosair
Treasurer	No	Christian Lehmann	Christian Lehmann
Member	No	Joke Hadermann	Joke Hadermann
Member	No	Udo Heinemann	Udo Heinemann
Member	No	(apologies from Olga Yacubovich)	(apologies from Olga Yacubovich)
Educ coord, ecanews	No	Fermin Otalora	Fermin Otalora
<i>CAMs</i>			
Panalytical	No	Celeste Reiss	
Molecular Dimensions Limited	No	Tony Savill	Tony Savill
Incoatec	No	Jörg Wiesmann	Jörg Wiesmann