

SIG5

Reported Period: July 2014- July 2015

Report Date: July 24th, 2015

Reported by: Oleg Siidra

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1. Introduction.

In 2014-2015, main activity of the SIG5 was devoted to the organization of microsymbposia at ECM29 in Rovinj. SIG5 supports two microsymbposia, MS14 and MS19, and is sponsoring five more microsymbposia in collaboration with other SIGs. In 2011, the SIG5 site was updated and moved to a new server in St. Petersburg, Russian Federation. SIG5 site is regularly updated.

2. SIG web site:

SIG5 <http://sig5.ecanews.org/>

3. Number of ECA individual members registered with the SIG according to (<http://www.xray.cz/eca/im-payment.htm>)

SIG5 Mineral and Inorganic Crystallography 119

4. Existence of a SIG mailing list Yes

Address of the mailing list: <http://listes.uhp-nancy.fr/www/info/ecasig5>

Number of members in the SIG mailing list: 164

5. Approximate total number of researchers involved in the SIG (please indicate the basis for the estimate) 164 (this is the number of members of the mailing list, *i.e.* number of researchers who explicitly indicate their involvement in the SIG)

6. List of MS organized by the SIG at the ECM 29

Mineralogical crystallography: Nature as a source of inspiration for new materials
Topology of crystal structures

sponsoring:

High-pressure solid-state chemistry

Advances in high-pressure methods

New instrumentation, methods and approaches in inorganic crystallography

Structure-property relationships

Thermoelectric materials – from fundamental science to applications

7. Prizes sponsored/coordinated

n/a

8. Past Activities other than Microsymbposia at ECM

Title: **Euroclay 2015, Edinburgh**

Number of Participants: 250

Level of involvement of SIG in the activity: SIG5 has given his support to this conference.

5 ECA Individual members registered with the SIG involved in the organizing committee

3 ECA Individual members registered with the SIG involved as lecturers

Short Description: (25 words max.) Euroclay 2015 is organised jointly, on behalf of the European Clay Groups Association, by the Clay Minerals Group (CMG) of the Mineralogical Society of

Great Britain and Ireland and The Clay Minerals Society (CMS), and International Natural Zeolite Association and the Geological Society from July 10th to 15th, 2015.

Title: **XVIII International conference on crystal chemistry, X-ray diffraction and spectroscopic studies of minerals 2014, Ekaterinburg**

Number of Participants: 350

Level of involvement of SIG in the activity: SIG5 has given his support to this conference.

10 ECA Individual members registered with the SIG involved in the organizing committee

4 ECA Individual members registered with the SIG involved as lecturers

1 endorsed (SIG logo on the web page/leaflets) Yes

Sponsored by ECA? Yes

Other Sponsors/Organizers: IUCr, ECA-SIG5 plus a number of local bodies

Short Description: (25 words max.) Conference was held on October 13-15, 2014 in Ekaterinburg in Zavaritsky Institute of Geology and Geochemistry of the Ural Branch of the Russian Academy of Sciences. The conference is organized by the Commission on Crystal Chemistry, X-ray Diffraction and Spectroscopic Studies of Minerals of Russian Mineralogical Society, Institute of Geology and Geochemistry and St. Petersburg State University

Title: **21st General Meeting of the International Mineralogical Association**

Number of Participants: 2000

Level of involvement of SIG in the activity: SIG5 has given his support and organized 3 MS.

40 ECA Individual members registered with the SIG involved in the organizing committee

20 ECA Individual members registered with the SIG involved as lecturers

Sponsored by ECA? Yes

Other Sponsors/Organizers: IMA

Short Description: (25 words max.) The International Mineralogical Association congress was held from 1 to 5 September 2014 at the Sandton Convention centre in the Gauteng province of South Africa and devoted to large number of disciplines related to Mineralogy.

9. Future/Programmed Activities.

Title: **8th European Conference on Mineralogy and Spectroscopy (ECMS 2015)**

Number of Participants: 400

Level of involvement of SIG in the activity: SIG5 has given his support and organized 2 MS.

10 ECA Individual members registered with the SIG involved in the organizing committee

5 ECA Individual members registered with the SIG involved as lecturers

Sponsored by ECA? No

Short Description: (25 words max.) 8th European Conference on Mineralogy and Spectroscopy (ECMS 2015) in Rome, Italy, September 9-11, 2015 is the eighth edition of the European conference series organized since 1988. The conference will hopefully reflect the philosophy of previous conferences and provide a common forum to present new ideas, concepts and results related to mineral spectroscopy.

10. Other matters. (50 words max.)

None.

11. Brief annual activity report (100 words max.)

SIG5 is involved in the organization of the ECM29 – Rovinj. Several microsymbiosia are organized:

- Mineralogical crystallography: Nature as a source of inspiration for new materials
- Topology of crystal structures

12. List SIG officers, name and e-mail, and specify their main function in the SIG:

Chair Prof. Dr. S.V. Krivovichev skrivovi@mail.ru

Vice-chair Dr. Frédéric Hatert fhatert@ulg.ac.be

Secretary Dr. Oleg Siidra siidra@mail.ru