

SIG5

Reported Period: September 2015- August 2016

Report Date: August 21st, 2016

Reported by: Oleg Siidra

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1. Introduction.

In 2015-2016, main activity of the SIG5 was devoted to the organization of microsymbposia at ECM30 in Basel. SIG5 supports two microsymbposia, and is sponsoring three more microsymbposia in collaboration with other SIGs from Focus Area 5.

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 ~120

4. Existence of a SIG mailing list Yes (general renewal is required)

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 30

- Biomineralogical crystallography and bioinspired inorganic materials
- Minerals and materials

sponsoring:

- Structure-property relationships in high pressure crystallography
- Crystal chemistry of C-bearing materials and minerals at extreme conditions
- Structural studies of meteoritic, extra-terrestrial, and planetary materials
- Solid state oxygen fuel cell, hydrogen storage & battery materials
- Materials for energy conversion and harvesting
- Structural disorder and materials' properties at ambient and non-ambient conditions

8. Past Activities other than Microsymbposia at ECM

Title: Russian National Crystal Chemical Conference, Suzdal

Number of Participants: 200

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

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

1 ECA Individual members registered with the SIG involved as lecturers

0 endorsed (SIG logo on the web page/leaflets)

Short Description: (25 words max.) Russian National Crystal Chemical Conference was held in Suzdal, from May 30th to June 4th, 2016.

Title: 24th Annual Meeting of the German Crystallographic Society (DGK)

Number of Participants: 150

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

4 ECA Individual members registered with the SIG involved in the organizing committee
4 ECA Individual members registered with the SIG involved as lecturers
0 endorsed (SIG logo on the web page/leaflets)

Short Description: (25 words max.) 24th Annual Meeting of the German Crystallographic Society (DGK) was held in Stuttgart, from March 14th to March 17th, 2016.

9. Future/Programmed Activities.

Title: **2nd European Mineralogical Conference**

Number of Participants: 1000

Level of involvement of SIG in the activity: SIG5 gave his support and organization of 2 MS.

3 ECA Individual members registered with the SIG involved in the organizing committee
4 ECA Individual members registered with the SIG involved as lecturers
0 endorsed (SIG logo on the web page/leaflets) No

Sponsored by ECA? No

Other Sponsors/Organizers: National Mineralogical Societies

Short Description: (25 words max.) 2nd European Mineralogical Conference will be held between the 11th and 15th of September 2016 at the Palacongressi of Rimini, Italy. This meeting is a joint conference amongst the European mineralogical societies.

Title: **XXII Meeting of The International Mineralogical Society**

Number of Participants: 2000

Level of involvement of SIG in the activity: SIG5 will give his support and organization of ~5 MS.

5 ECA Individual members registered with the SIG involved in the organizing committee
4 ECA Individual members registered with the SIG involved as lecturers
0 endorsed (SIG logo on the web page/leaflets) No

Sponsored by ECA? No

Other Sponsors/Organizers: IMA

Short Description: (25 words max.) The International Mineralogical Association congress will be held from 13 to 17 August 2018 in Melbourne, Australia and devoted to large number of disciplines related to Mineralogy.

10. Other matters. (50 words max.)

None.

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

SIG5 is involved in the organization of the ECM30–Basel. Several microsymbiosia are organized:

- Biomineralogical crystallography and bioinspired inorganic materials
- Minerals and materials

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