

Micro and Meso Subcommittee Meeting 2012 Minutes

No specific agenda form given; Jim Kaduk filled in for the absent chairperson, Scott Speakman.

First order of business was to approve the 2011 minutes.

Motion: Jim Kaduk moved to approve the 2011 Micro and Meso subcommittee minutes.
Mike Bennett seconded the motion.
8 In Favor, 0 Oppose, 0 Abstain

The opening discussion was brought up by Mike Bennett on ZZ7 mesoporous silicate materials, which resulted in a motion.

Motion: Mike Bennett moved that ZZ7 Micro-mesoporous silicates be pulled out of the zeolite subclass and put in MMM subfile.
Matteo Leoni seconded the motion.
8 In Favor, 0 Oppose, 0 Abstain

Sue Quick then gave a presentation on behalf of the Zeolite Task Group. Some of the work the ZTG performed in 2011-2012 had been assigning zeolite names, responding to ICDD editorial staff identification problems, updating IZA codes, flagging previously unflagged entries (found 300 not previously Identified as zeolites), alternate vs. primary checks, structure type codes. The plan for the future is to continue primary vs. alternate searches and generate more names to make searches easier. Talked about ZZ9 (materials with not enough information on structure) and ZZ1's (known structure, but no official structure code). One motion was brought the floor following this presentation.

Motion: Sue Quick requested \$5,000 for the Zeolite Task Group to meet at least 2 times during 2012-2013.
Tom Blanton seconded the motion.
5 In Favor, 0 Oppose, 3 Abstain by name (Sue Quick, Mike Bennett, and Jim Kaduk)

Jim Kaduk mentioned to the group that organic template materials need to be in organic database and that the templates may be highly disordered resulting in a motion.

Motion: Jim Kaduk moves that a target system is needed for the atomic coordinate extraction of organic-containing molecular sieves/zeolites.
Sue Quick seconded the motion.
9 In Favor, 0 Oppose, 0 Abstain

A discussion was then brought up about porous coordination polymers and that MOF materials fall under this category. The Schläfli notation was mentioned. Vanessa Peterson, Jim Kaduk, and Winnie Wong-Ng will work on sorting and identifying these materials.

A discussion about digital object identifiers followed resulting in a motion.

Motion: Matteo Leoni moved that the digital object identifier (DOI) be added to the database along with the journal reference. ICDD will only provide the hyperlink, which will not necessarily guarantee access.
Jim Cline seconded the motion.
6 In Favor, 0 Oppose, 3 Abstain (none by name)

Meeting adjourned.