



**IMA 2010
BUDAPEST**

BONDS AND BRIDGES

**THE 20TH GENERAL MEETING OF THE
INTERNATIONAL MINERALOGICAL ASSOCIATION**

**21-27 August 2010
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IMA2010 CONFERENCE NEWS

The daily newspaper of the 20th General Meeting of the International Mineralogical Association

SATURDAY, 28 August

Yesterday's Elements 5 talk

Friday's Elements5 lecturer was Glenn Waychunas who showed the audience the most up-to-date information about nanoparticle surface studies.

He specified how crystal structure determines the crystal surface processes (e.g. adsorption of water) and how properties of the surface (e.g.: strength of ligand-surface interaction and surface hydroxyl orientation) affects structure. These studies could be relevant concerning humanity as we can find out how "active surfaces in the environment" that pick up toxic materials work. According to him, the main step of the future is creating models based on dynamic experiments.



"For this I am going to get some arguments but it's no problem. Arguments make science progress."

"This subject is not closely related to my own research but that is exactly why I chose to listen to the lecture. I work with fluid inclusion studies and many kind of aspects are needed for that even nano-scale research."
(Kingsley Burlison)



Yesterday's plenary talk

The last plenary talk of the IMA2010 conference was Max Wilke's lecture on the applicability of synchrotron radiation in mineralogical research.

The method may give quantitative information to many geological processes, concerning not just strictly mineralogy. With the help of several spectacular figures he gave a detailed explanation on the method's functions and its possible uses, like oxidation state determination of iron or even time-resolved analysis of redox processes. He talked about in-situ concentration determination of aqueous fluids at high pressure and temperature which can also be a quite beneficial in geological studies. He presented possible ways of future development in this topic which all require technological advance.



"Synchrotron radiation can be used for in-situ determination of composition, local structure and chemical state."

IMA2010 Closing Ceremony

IMA2010 Closing Ceremony was held on Friday after the last plenary talk. Beginning with the short programme of the IMA2010 Choir, the ceremony was worthy end of this 1-week-long congress.

"Let me thank You coming here, let me thank to the organisers everything." -said Ekkehart Tillmans, the new president of IMA.



Amendments

Sergei Krivovichev's name is regrettably misspelled in Friday's IMA2010 Conference News, we apologise for this.

IMA 2010 Basketball Free Trow Championship amendment: the first place (among women) is shared among Katalin Szabó, Veronika Pogány and Réka Káldos.

Daily news

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