



Prof. **J. M. Serratosa**, recipient of the 2010 Marilyn and Sturges W. Bailey Distinguished Member Award



Dr. **Randall T. Cygan**, who delivered the 2010 George W. Brindley Lecture



Prof. **Toshihiro Kogure** (RIGHT), recipient of the 2010 Marion L. and Chrystie M. Jackson Mid-Career Clay Scientist Award, and his mentor, Prof. **Victor A. Drits** (1996 Bailey Distinguished Member awardee)

A highlight of 2010TMC was the presentation of the best paper award and travel grants to student participants. Francisco M. Fernandez (Instituto de Ciencia de Materiales de Madrid) was recognized with the best oral presentation award for his communication, coauthored by E. Ruiz-Hitzky, entitled "On the Synergy between Sepiolite and Carbon Nanotubes in Bionanocomposites." Sara Moron (University of Minnesota) received the best Earth science poster award for her communication entitled "Middle Miocene in Panama, Wet or Dry?" It was coauthored by C. Montes, A. Cardona, C. Jamarillo, and D. Fox. Yohei Ishida was given the best poster presentation award in clay technology for the paper (coauthored by S. Takagi, D. Masui, T. Shimada, H. Tachibana, and H. Inoue) "Efficient Excited Energy Transfer Reaction between Porphyrins on Clay Surfaces: The Effects of Adsorption Conditions." Eight students received travel awards from CMS: Marek Szczerba (Institute of Geological Sciences, Poland), Tom Naumann (Georgia State University), Autur Kuligiewicz (Institute of Geological Sciences, Poland), Ali Hooshiar (University of Alberta), Ines Mulder (University of Heidelberg), Sara Moron (University of Minnesota), Irshad Bibi (University of Sydney), and Elena Kuznetsova (Lomonosov Moscow State University). Student travel stipends were also provided by CSSJ and SEA.

The meeting ended with a trip to the Rio Tinto pyrite mines in the province of Huelva, about 80 km northwest of Seville. The mining operations (since prehistoric times), which produce gold, copper, silver, zinc, lead, and other metals, have created a world of reddish hues and a wide range of other colors. Waters draining the region are extremely acidic. The history of the region was told through exhibits at a government-supported tourist facility. The trip was organized by Isabel González and Antonio Romero (University of Seville).

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**Ray Ferrell**, Louisiana State University



## Mineralogical Society of Poland

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### POLISH FIELD TRIPS DURING THE 20<sup>th</sup> GENERAL MEETING OF THE IMA

The Polish Mineralogical Society was one of the co-organizers of the IMA meeting in Budapest, 21–27 August 2010. Among the activities were three pre- and postconference field trips to Poland. The field trip guidebooks were published in *Acta Mineralogica-Petrographica* (Szeged), Field Guide Series, volumes 16, 17, and 18.



Participants in the PL1 field trip beside the statues of the Saint Apostles, damaged by Kraków air pollution

**Field trip PL1**, "Mineral deposits of the Fore-Carpathian region and weathering processes of monuments in the polluted atmosphere in Kraków (SW Poland)," took participants to a variety of interesting places in and around Kraków: building stones used in historical monuments and weathering processes in a polluted urban atmosphere (leaders: Wanda Wilczyńska-Michalik and Marek Michalik); a historical salt mine in Wieliczka situated in the Carpathian Foredeep (leader: Andrzej Ślaczka); and a Mississippi Valley-type (MVT) lead and zinc deposit at the Pomorzany Mine, with its flotation waste and metallurgical slag dumps (leader: Harry Kucha).

**Field trip PL2**, "Mineralogy of Lower Silesia, Poland," visited famous mineralogical localities in Lower Silesia. These were: the pegmatites of the Karkonosze and Strzegom-Sobótka granite massifs, the Sowie Mountains gneiss block and the Szklary serpentinite massif; the skarns of the Izera metamorphic massif; and the rodingites and nephrites of the Gogołów-Jordanów serpentinite massif. Many nice samples were collected, and the best examples of pegmatite and nephrite will find their way to the Mineralogical Museum of the Eötvös L. University (ELTE) in Budapest. The leaders were Eligiusz Szeleg and Irina Galuskina.



Participants in the PL3 field trip studying the 'Organy Wielisławskie' columnar-jointed Permian rhyolites near Różana

**Field trip PL3** was entitled "Late Paleozoic volcanism in the Sudetes Mountains and the Kupferschiefer-type ore deposits in the Fore-Sudetic Monocline, Poland." On the way from Budapest to Wałbrzych (Sudetes), participants enjoyed the scenery of the Bohemian Massif. On the next day the Carboniferous-Permian postorogenic volcanism and associated postmagmatic mineralization were observed within continental molasse successions of two big intramontane troughs: the Intra- and the North-Sudetic basins. Selected volcanic structures (mafic to felsic lavas, subvolcanic intrusions, pyroclastic deposits) were visited (leader: Marek Awdankiewicz). Typical ore sections, as well as unique Au-enriched barren zones and sandstone-hosted massive ores, were seen in two enormous underground mines, Polkowice and Rudna, along with its flotation plant (leader: Zbigniew Sawłowicz, with the collaboration of Jadwiga Pieczonka and Adam Piestrzyński).