

ICAME 2015

P. WEINBERGER

The 33rd International Conference on the
Applications of the Mössbauer Effect

Hamburg, Germany

13 – 18 September 2015



Conference Programme



- T05-18 Novel Methods of Preparation of Barium Tin(II) Fluorides by Precipitation and by Leaching of Chloride Fluorides in Water by *G. Denes, A. Muntasar and H. Merazig*
- T05-19 Estimation of $\Delta R/R$ Values by Benchmark Study of the Mössbauer Isomer Shifts for Fe, Ru, Os Complexes Using Relativistic DFT Calculations by *M. Kaneko, H. Yasuhara, S. Miyashita, and S. Nakashima*
- T05-20 Mössbauer spectroscopy of Fe-ZSM-5 catalysts by *K. G. Padmalekha, H. Huang, I. Ellmers, R. Pérez Vélez, A. Brückner, W. Grünert and V. Schönemann*
- T05-21 Mössbauer spectroscopy of nitrosyl mono- and binuclear iron-sulfur complexes as new class of nitrogen monoxide (NO) donors for the treatment of socially significant diseases by *N. A. Sanina and N. S. Ovanesyan*
- T05-22 Unusual coordination of ferric ions in the mullite-type $\text{Bi}_2(\text{Fe}_2\text{Al}_2)\text{O}_9$ nanoparticles by *V. Šepelák, K. L. Da Silva, M. Ghafari, P. Heitjans and H. Hahn*
- T05-23 Cooperative Spin Crossover in Iron(III)-Based Molecular Materials by *M. S. Shongwe, M. Al-Jabri, S. Al-Arafati, A. Gismelseed, and E. Bill*
- T05-24 Effect on hyperfine parameters of Fe by intercalation of Li/NH₃ spacer layer in FeSe superconductor by *S. I. Shylin, V. Ksenofontov, I. O. Fritsky, S. J. Sedlmaier, S. J. Clarke, and G. Wortmann*
- T05-25 Intratrack radiolytic processes studied by positron annihilation and emission Mössbauer spectroscopies by *S. V. Stepanov, V. M. Byakov, Yu. D. Perfiliev, and L. A. Kulikov*
- T05-26 Adjustments of Spin Crossover Systems with large Hysteresis by *D. Unruh, M. Kumar, M. Jahns, S. Klimke, A. Preiss, R. Sindelar, and F. Renz*
- T05-27 Mössbauer Study of $[\text{Fe}(\eta^6\text{-C}_6\text{H}_6\text{-}_n\text{Me}_n)_2]^{2+}$ Dications by *L. Volfova, A. Lancok, and B. Stibr*
- T05-28 Using Mössbauer studies and various other methods for the determination of the spin transition properties of Iron(II) Spin-Crossover Compounds by *D. Müller, C. Knoll, M. Seifried, P. Weinberger, and M. Reissner*
- T05-29 Nuclear Inelastic Scattering Study of a Fluorophore- Tagged Dinuclear Iron(II) Spin Crossover Complex by *J. A. Wolny, I. Faus, Y. Garcia, S. Rackwitz, K. Schlage, H. C. Wille, V. Schönemann*

11.6 T06 - Earth Science and Mineralogy

- T06-1 Temperature Mössbauer characterization of Meteoritic iron GSS003 from the Libyan Tektite area Southern Western Egypt by *T. M. Ramadan, A. A. Bahgat, A. A. Barakat, H. El-Bahnasawy, and M. A. Ahmed*
- T06-2 Mössbauer Mineralogy of the Chelyabinsk Meteorite by *D. G. Agresti, R. V. Morris, and K. Righter*
- T06-3 Mössbauer study of weathered H-meteorite from the desert of Oman by *A. D. Al-Rawas, A. M. Gismelseed, A. A. Yousif, M. E. Elzain, S. Naser, H. Widatallah, S. Al-Riyami*
- T06-4 Characterization of a sample taken on the new road to Kuntur Wasi located in the province of San Pablo, Cajamarca Region, Peru by *A. Bustamante, M. Mejia, J. Flores and F. E. Wagner*
- T06-5 Characterization of two different iron meteorites by *B. F. O. Costa, P. C. Silva, G. Klingelhöfer and E. I. Alves*
- T06-6 Mössbauer Investigations of Al-Dalange and Al-Hawashat meteorites by *A. M. Gismelseed, S. B. Abdalla, A. D. Al-Rawas, F. N. Al-Mabsali, H. M. Widatallah, M. E. Elzain, A. A. Yousif, T. Ericsson and H. Annersten*
- T06-7 Nuclear resonance studies of CuFeS_2 and Cu_2S by *R. Gainov, V. Golovanevskiy, F. Vagizov, A. Dooglav, I. Pen'kov, G. Klingelhöfer, V. Ksenofontov, G. Amthauer, W. Lottermoser, M. Russina and R. Khassanov*
- T06-8 Mössbauer Spectroscopy of Samples from the Skaergaard Intrusion by *H. P. Gunnlaugsson, L. P. Salmonsén, C. Tegner*