

Poster nach Session-Titeln geordnet

I. Correlated materials

- 01 Carsten Albrecht *Charge and spin order in $\text{Ca}_3\text{Ru}_2\text{O}_7$ under high pressure*
- 02 Eva Maria Brüning *A ^{31}P NMR study on CeTPO ($T = \text{Ru}, \text{Os}$). A crossover from ferro- to antiferromagnetism*
- 03 Krzysztof Rosci szewski *Interplay between the orbital and magnetic order in monolayer manganites*
- 04 Zofia Ropka *Strong-correlation approach to 3D oxides (NiO , CoO , LaCoO_3 , LaMnO_3)*
- 05 Michael Dumm *Charge carrier dynamics in the vicinity of the bandwidth-controlled Mott-Hubbard transition in $\kappa\text{-(BEDT-TTF)}_2\text{X}$*
- 06 Nicola Gaston *Correlation effects on the structure of Zinc and Cadmium: Explaining the hcp anisotropy*
- 07 Marc Janoschek *Unique determination of complex magnetic structures by spherical neutron polarimetry*
- 08 Marcello Barbosa da Silva Neto *Magnetoresistance and spin-flop transitions in lightly doped La_2CuO_4*
- 09 J rgen Falb *Destruction of anti-ferromagnetic long-range order by doping in the t - J model*
- 10 Oleg Janson *Electronic structure and magnetic properties of a spin-1/2 system Bi_2CuO_4*
- 11 Miriam Schmitt *Electronic and magnetic properties of $\text{Li}_2\text{ZrCuO}_4$ - A DFT study*
- 12 Hannes Allmaier *Finite temperature polarization in Co_2MnSi -based magnetic tunnel junctions*
- 13 Jan Tomczak *Correlation effects in vanadium oxides within LDA+DMFT - A comparison of VO_2 and V_2O_3*
- 14 Eberhard Jakobi *LDA+DMFT calculations for spin-polarized Heusler compounds*
- 15 Marcus Kollar *Kinks in the dispersion of strongly correlated electrons*
- 16 Quinyong Liu *Micro-domain formation near the first order phase transition of the Hubbard model: A DMFT study*
- 17 Mukul S. Laad *Mott transition and strange metal in two dimensions
What can cluster-DMFT tell us?*