

### C3.11 (F. Evers)

- [C3.11:1] ‡ M.J. van Setten, R. Gremaud, G. Brocks, B. Dam, G. Kresse, and G.A. de Wijs, *Optical response of the sodium alanate system: GW<sub>0</sub>-BSE calculations and thin film measurements*, Phys. Rev. B **83**, 035422 (2011)
- [C3.11:2] ‡ M. Gonzalez-Silveira, R. Gremaud, H. Schreuders, M.J. van Setten, E. Batyrev, A. Rougier, L. Dupont, E.G. Bardaji, W. Lohstroh, and B. Dam, *In-situ Deposition of Alkali and Alkaline Earth Hydride Thin Films to Investigate the Formation of Reactive Hydride Composites*, J. Phys. Chem. C **114**, 13895 (2010)
- [C3.11:3] V. Meded, A. Arnold, A. Bagrets, and F. Evers, *Molecular Switch Controlled by Pulsed Bias Voltages*, Small **5**, 2218 (2009)
- [C3.11:4] \* ‡ V. Meded, A. Bagrets, K. Fink, R. Chandrasekhar, M. Ruben, F. Evers, A. Bernand-Mantel, J.S. Seldenthuis, A. Beukman, and H.S.J. van der Zant, *Electrical control over the Fe(II) spin crossover in a single molecule: Theory and Experiment*, Phys. Rev. B **83**, 245415 (2011)
- [C3.11:5] \* A. Bagrets, R. Werner, F. Evers, G. Schneider, D. Schooss, and P. Wölfle, *Lowering of surface melting temperature in atomic clusters with a nearly closed shell structure*, Phys. Rev. B **81**, 075435 (2010)
- [C3.11:6] F. Evers, and P. Schmitteckert, *Broadening of the derivative discontinuity in density functional theory*, Phys. Chem. Chem. Phys. **13**, 14417 (2011)
- [C3.11:7] E.G. Bardaji, Z. Zhao-Karger, N. Boucharat, A. Nale, M.J. van Setten, W. Lohstroh, E. Röhm, M. Catti, and M. Fichtner, *LiBH<sub>4</sub>-Mg(BH<sub>4</sub>)<sub>2</sub>: A Physical Mixture of Metal Borohydrides as Hydrogen Storage Material*, J. Phys. Chem. **115**, 6095 (2011)
- [C3.11:8] F. Gebert, B. Willenberg, M.J. van Setten, E.G. Bardaji, E. Röhm, M. Fichtner, and J. Schoenes, *Polarization-dependent Raman spectroscopy of LiBH<sub>4</sub>- single crystals and Mg(BH<sub>4</sub>)<sub>2</sub> powders*, J. Raman Spectroscopy **42**, 1796 (2011)