



EINLADUNG

zum

VERA - SEMINAR

von

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Understanding chiral matter

The need to have a microscopic understanding of chiral matter requires the classical inter-particle forces to be derived from symmetrized microscopic Maxwell equations. This is not the conventional approach which requires no magnetic currents for the definition of a vector potential. The vector potential is indispensable in formulating a microscopic quantum Hamiltonian which is the basis for most microscopic physics. The main motivation here is to show that it is possible to experimentally test the existence of magnetic charges in chiral matter by Rutherford type of scattering. In addition, a discussion of why such an extreme demand does not affect most of modern physics is given.

Donnerstag, 8. Oktober 2009, 16:30 Uhr

**1090 Wien, Währinger Str. 17, "Kavalierstrakt",
1. Stock, Victor-Franz-Hess-Hörsaal**