

MP 10: HV Wipf

Time: Wednesday 15:00–15:40

Location: HFT-FT 101

Invited Talk MP 10.1 Wed 15:00 HFT-FT 101
Functional renormalization group for the scale-dependent effective action — ●ANDREAS WIPF — Friedrich-Schiller-Universität Jena, Theoretische-Physikalisches-Institut, Max-Wien-Platz 1, 07743 Jena

After introducing and discussing the functional renormalization group for the scale dependent effective action we present some recent applications to (supersymmetric) field theories. This includes the study of phase transitions, critical behaviour and asymptotic safety scenarios in quantum field theories with scalar and spin 1/2 fields.