Topics
The workshop will focus on the methods and results for evolution problems driven by functionals and applications. Emphasis will be given to gradient flows for free energy or entropy as well as to generalized gradient and rate-independent systems and dissipative Hamiltonian systems, also in a multiscale setting. The issue of the variational approximation of evolution, possibly in the form of suitable evolutionary $\Gamma$-convergence notions, will be also covered. The many applications of this wide range of techniques may include thermomechanical and materials modeling, stochastic models, multi-particle systems, transition from discrete to continuum, quantum mechanics, and reaction-diffusion systems.

Schedule
Lectures are scheduled from Wednesday morning at 9 a.m. until Friday afternoon at 4 p.m. A poster session will take place on Thursday afternoon. Invited lectures will be 40 minutes plus 5 minutes for discussion and contributed lectures will be 25 plus 5 minutes. Please submit abstracts of your talks or posters by June 22, 2013.

Location
The workshop will take place at the Weierstrass Institute for Applied Analysis and Stochastics, which is located in the center of Berlin, in walking distance to most famous sites such as the Brandenburg gate, the Museumsinsel, and the main building of the Humboldt University.