HEINRICH HEINE
UNIVERSITÄT DÜSSELDORF

Der Lehrstuhl für Theoretische Philosophie
lädt herzlich ein zum Vortrag von

Prof. Dr. Clark Glymour
(Carnegie Mellon University Pittsburgh)

Donnerstag, 20.06.2013

und

Freitag, 21.06.2013

jeweils 14:00 – 16:30 Uhr

Gebäude 23.21 Raum 00.44B

Tutorial on
Theory of Causal Nets

Abstract
The theory of causal nets is the most promising and sophisticated approach to causality available at the present time. It provides methods for inferring causal structures by means of statistical data, allows for predictions on the basis of causal models, and gives deep insights into the relatedness of causation, manipulation, and control. Its implications are interesting for philosophers generally interested in causality as well as for scientists working in fields such as sociology, psychology, biology, physics, the neurosciences, etc. Clark Glymour, one of the researchers who invented the theory of causal nets in the 1990s, will give a crash course on causal nets theory on the first day of the tutorial (June 20). On the second day (June 21), Clark Glymour will present more recent and advanced results in causal nets theory.

Speaker
Clark Glymour is a key figure in philosophy of science since decades. In particular, his philosophical contributions to causation and (probabilistic) modeling of scientific inquiry shaped the discussion in the respective fields. A key element is thereby his theory of causal nets, as developed in a series of papers and a book, together with Peter Spirtes and Richard Scheines. This was the birth of a new research program focusing on the search for algorithms for uncovering causal structures on the basis of empirical data and for generating predictions by means of causal models.

Studierende und andere Interessierte sind herzlich willkommen