# CRRAR

Centre for Research in Reasoning, Argumentation and Rhetoric

*presents*

# HYBRID REASONING
# AND ARGUMENTATION

## Dr. Thomas F. Gordon

***ELAN Competence Center for eGovernment***
***Fraunhofer FOKUS***
*Berlin, Germany*

**Abstract**

Practical reasoning typically requires a variety of argumentation schemes to be used together to solve problems and make decisions. For example, a legal case may raise issues requiring argument from precedent cases, rules, policy goals, moral principles, jurisprudential doctrine, social values, and evidence. We present an extensible software architecture which allows diverse computational models of argumentation schemes to be used together in an integrated way to construct and search for arguments. The architecture has been implemented in Carneades, a software library for building argumentation tools. The architecture is illustrated with models of schemes for argument from ontologies, rules, cases and testimonial evidence. The Carneades software will be demonstrated during the talk. For more information about Dr. Gordon's work, please see: http://www.tfgordon.de/.

## Wednesday, November 4th, 2009
## 4:00 – 6:00 p.m.

## Farmer Conference Room 1111
## Ron W. Ianni Law Building

University
of Windsor

*thinking forward*

***All are welcome***