

# **„Gießener Abendgespräche Kognition und Gehirn“**

Mittwochs, 18 bis 20 Uhr, Raum: F9

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*„On logical models of legal argument“*

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Lawyers argue all the time. They disagree about what are the facts of a case, whether the facts match the conditions of a legal rule and whether a rule should be applied to a case. Such disagreement is partly caused by incomplete or uncertain knowledge about the world and partly by differing opinions about legal, moral or social values. It is reinforced by the fact that different sides in a legal case often have different interests.

In the past twenty-five years, research in the field of artificial intelligence & law has resulted in various formal and computational models of legal argument. In this talk an overview will be given of this research, with particular emphasis on models that employ techniques from the logical study of argumentation in general AI.