This talk discusses the role of cases in legal reasoning and argumentation and some of the ways in which case-based legal reasoning has been modeled computationally.

Today, these models are seen as methods to implement case-based argument schemes in a more general computational framework for legal argumentation. Argument schemes are templates or “blueprints” for typical kinds of legal arguments including arguing by analogy or from precedents, distinguishing precedents, or citing counterexamples.

The talk will briefly examine three knowledge representation techniques for modeling legal cases and alternatives for taking into account underlying legal values. It examines ways to predict outcomes based on past cases and new methods aimed at connecting case-based models with legal texts. While the focus is on common law legal reasoning, the talk invites considering implications for civil law systems.

Kevin D. Ashley, Professor of Law and Intelligent Systems, University of Pittsburgh

Montag, 14.05.18, 17:30 Uhr

Informatik-Hauptgebäude (50.34), HS -101 (UG), Am Fasanengarten 5, 76131 Karlsruhe