

PhD Studentship

Topic: Rationality and Deliberation in decision making

The department is working in the area of decision making under uncertainty, preferences elicitation, decentralised decision making, emotional DM; with many different applications, for more information see <http://www.utia.cz/AS>.

The PhD studentship will be a part of the project "Rationality and Deliberation in DM" and is expected to actively contribute to one of the following topics: Feature selection for Lazy Learning; Dynamic reconsidering DM goals; Selecting DM preferences from past experience; Determination of an aspiration level in DM; Optimisation of 'exploitation-exploration' balance in decision making.

Requirements: The successful candidate should have a strong mathematical background and hold an MSc or equivalent degree (or expect to obtain MSc very soon) in mathematics, computer science, or engineering. A basic knowledge of Bayesian statistics and probabilistic modelling is supposed. Knowledge of one or more of the following areas: multi-agent systems, artificial intelligence, computer science, automatic coordination and negotiation, simulation, modelling & control, control theory, optimization is an asset. Well spoken and written English and the ability to work in a team are mandatory.

The expected supervisors: Dr. Karny (school@utia.cas.cz), Dr. T.V.Guy (guy@ieee.org).

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