

LICENTIAT- SEMINARIUM

Mind the Gap:
Human Decision Making and Information Fusion



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ABSTRACT

Information fusion, i.e., the automatic integration of information from multiple sources, is an advancing research area which can assist decision makers in enhancing their decisions. Most information fusion research so far has had a technical focus and has paid relatively little attention to human decision making processes. Hence, through both theoretical and empirical studies, the research presented in this licentiate thesis seeks to characterise the interdependencies between human decision making and information fusion. The work presented constitutes different building blocks for a framework for the information fusion community. The initial framework promotes a user (decision maker) centred perspective and is presented as an instrument with which to understand the various ways decision makers can influence information fusion systems and processes.