



Thomas ROELLEKE'S Biography

Thomas Roelleke is a senior lecturer (associate professor) at the Queen Mary, University of London. He previously was a Unix/DB/4GL product manager at Nixdorf Computer, a lecturer/researcher at the University of Dortmund, and a IT strategy consultant for the online-bank comdirect.

His research contributions include a probabilistic relational algebra for the integration of databases and information retrieval (IR), a probabilistic object-oriented logic for retrieval of semantic and structured data, a probability of being "informative", the relational Bayes for estimating probabilities in databases, and foundations and theories of retrieval models. Thomas pioneered a logic-based retrieval system, HySpirit, which provides probabilistic reasoning and seamless

DB+IR technology, and he is the founder and director of a start-up for providing DB+IR information management solutions.