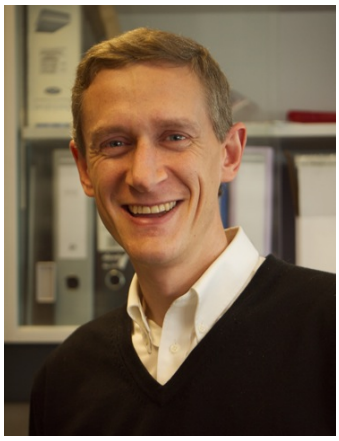

## Biography

Tim Ebbels obtained his PhD in astrophysics from the University of Cambridge and in 1998 moved into bioinformatics via postdoctoral work at Imperial College in the metabolic profiling group of Prof Jeremy Nicholson. He was a key post-doctoral member of the Consortium for Metabonomic Toxicology (COMET), a large academic-industry collaboration which developed expert systems for predicting adverse effects in pre-clinical toxicity studies via mathematical models of metabolic profiles. In 2003 he joined Prof David Jones' group at University College London to work on modelling and visualisation of transcriptomic data. In 2005 he returned to a faculty position at Imperial, within one of the world's largest metabolic spectroscopy departments. His group focuses on the application of bioinformatic, machine learning and chemometric techniques to post-genomic data, with a particular emphasis on metabolomics. He is involved in projects ranging from environmental monitoring, through molecular epidemiology, to toxicogenomics. Much work focuses on detailed modelling of the analytical technologies used to obtain metabolic profiles, but his group is also addressing problems of data integration, visualisation and time series analysis. Tim was recently elected Secretary of the international Metabolomics Society and is a Fellow of the Royal Society of Chemistry.