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PROFILE



Dr. Tom Melham

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Tom Melham is a Professor of Computer Science at the University of Oxford and a Fellow of Balliol College, where he Tutor in Computation. Melham received his PhD from the University of Cambridge in 1990 for his foundational research in formal hardware verification and mechanized reasoning. In 1993 he joined the Computing Science Department at Glasgow University, and was appointed to a Professorship of Computing Science at Glasgow in 1998, before moving to Oxford in 2002.

Melham's research interests include AI and technology in legal services and the justice system; testing and evaluation of AI-based systems; applications of formal logic; mechanised reasoning; model checking and theorem proving; firmware verification; software verification; systems on chip; formal hardware verification; digital circuit design; and programming language semantics.

He works closely with leading companies in microelectronics design on advanced tools and methods for chip design validation and firmware verification.