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Prof. Jonathan Tennyson

University College London, UK

Jonathan Tennyson is Massey Professor of Physics at University College London. After studying Chemistry at the Universities of Cambridge and Sussex, he worked at the University of Nijmegen, The Netherlands and Daresbury Laboratory, UK before moving to UCL. At UCL his group works on developing and applying molecular quantum mechanics methods. These methods are applied to a wide variety of problems from astrophysics to technological plasmas. Tennyson leads the ExoMol project dedicated to providing spectroscopic data for hot atmospheres such as those observed in exoplanets and cool stars, and leads the UK Atomic Molecular and Optical R-matrix consortium. He was head of Department 2004 to 2011, and was elected a Fellow of the Royal Society in 2009. He is founder and Chief Scientist of Quantemol Ltd a company dedicated to supporting plasma studies through the provision of software, simulations and data.