



**Prof. Tom Field**  
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**Tom Field's** work is generally close to the interface between physics and chemistry. His initial research was in the area of the dynamics of small molecules excited by photoionization, studied with coincidence experiments including mass spectrometry and photoelectron detection. He moved to studying electron interaction with molecules and, in particular, the formation of negative ions by electron attachment. The electron interaction work was increasingly focussed on experiments relevant to plasmas and has led to more recent investigations of macroscopic plasmas at atmospheric pressure in liquids and gases.