



KMD新年学术报告(1):

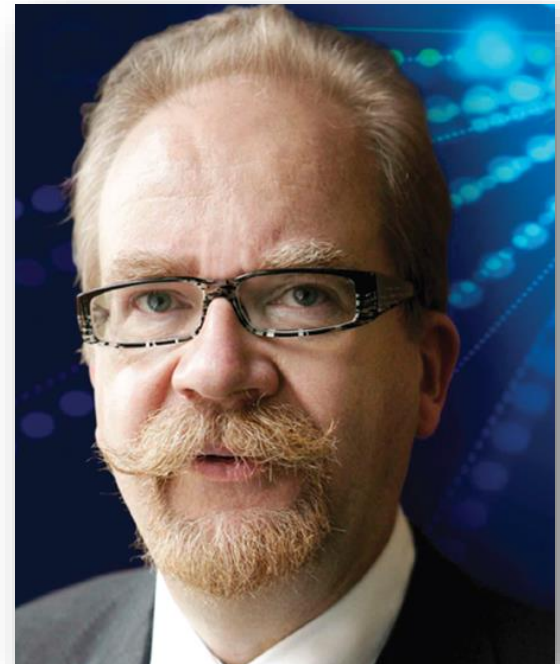
Non-covalent interactions, a challenge to experiment and theory: Determination of dissociation energies of molecular clusters by ZEKE/MATI Spectroscopy

时间：2017年1月3日（周二）16：00

地点：频标楼四楼会议室

报告人：Chaired Professor Klaus Müller-Dethlefs

- Chair of Physics and Chemistry ,
University of Manchester, UK
- Founding Director of The Photon
Science Institute
- Inventor of ZEKE Spectroscopy
- The First Herzberg Memorial Laureate and Fellow



报告摘要：

The lecture describes the development of high-resolution Zero Electron Kinetic Energy Photoelectron Spectroscopy and its further applications for the study of non-covalent interactions in molecular clusters. In particular, the measurement of dissociation enthalpies by a variant of the ZEKE method, Mass Analysed Threshold Ionisation (MATI), will be presented. Also, the connection to ab initio theoretical methods will be discussed.