

Speaker Profile - Victor J Morris.

<http://www.ifr.ac.uk/spm/>



Vic Morris has worked for the Institute of Food Research (IFR) since 1979. He is qualified as both a physicist and a chemist and did his PhD in solid state physics. His post-doctoral studies were in the Physics Department at Brunel University where he worked on personal fellowships from the Ministry of Defence, the Medical Research Council and ICI. He joined IFR in 1979 with a brief to introduce molecular biophysical methods into food science. He is the author of over 300 research publications including two textbooks. His research has been recognized by the award of a DSc in molecular biophysics at London University, an honorary chair at UEA, ISI 'Highly Cited Researcher' status and the Food Hydrocolloids Trust medal.

Vic is a fellow of the Institute of Physics, the Royal Society of Chemistry, the Institute of Food Science and Technology and the International Academy of Food Science and Technology.

Current research activities include investigations of molecular structure and interactions at interfaces, starch structure and function and the molecular origins of the health benefits of plant carbohydrates. The current and future direction of his research has been made possible by the use of novel probe microscopic methods that he developed and pioneered in food science. These have allowed molecular investigation and solution of previously intractable problems in food science. He is the author of the first textbook on 'Atomic Force Microscopy for Biologists,

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