

19th Thieme Lecture in Organic and Bioorganic Chemistry

Exploring Cooperativity: Synthesis and Investigation of Light Harvesting Macrocycles



Prof. Harry L. Anderson
University of Oxford

Harry Anderson completed his PhD at Cambridge University in 1990 working with Jeremy Sanders on porphyrin-based model enzymes. He carried out postdoctoral work with François Diederich at ETH Zurich in the field of fullerene chemistry, before joining the faculty at the University of Oxford in 1994, where he is now Professorial Research Fellow in Organic Chemistry.

His research interests include organic synthesis, supramolecular chemistry, metal coordination chemistry, molecular electronics, photochemistry, photophysics and photobiology. He has introduced new concepts for molecular design, and ground-breaking approaches to template-directed synthesis, leading to materials with unprecedented electronic and nonlinear optical characteristics. He has pioneered the investigation of conjugated porphyrin oligomers, encapsulated pi-systems, nanorings and two-photon absorbing dyes, and he has worked closely with physicists and photobiologists to understand the relationship between molecular structure and function.

The quality of his group's research has been recognized by several awards including the Tilden Prize (RSC) in 2012 and the Todd-Krebs Lectureship (RSC/GDCh) in 2013. He was elected as a Fellow of the Royal Society in 2013 and he is currently an ERC Advanced Investigator. He has published more than 200 scientific papers, including 33 in *ANGEWANDTE CHEMIE* and 30 in *J. AM. CHEM. SOC.*

Day of Organic Chemistry at the University of Stuttgart (TOCUS), October 9, 2015

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| 9:00 am | Presentations of 12 graduate students from the University of Stuttgart and other Southwestern universities
Auditorium V 55.02 |
| 5:30 pm | Welcoming remarks: Dr. Guido F. Herrmann, Georg Thieme Verlag, Stuttgart
Introduction by Prof. Clemens Richert, Institute for Organic Chemistry, University of Stuttgart |
| 5:45 pm | Thieme Lecture: Prof. Dr. Harry Anderson, Oxford University
'Exploring Cooperativity: Synthesis and Investigation of Light Harvesting Macrocycles' |
| 7:00 pm | Evening buffet and after dinner discussions (advanced booking for non-lecturers required)
Internationales Begegnungszentrum (IBZ) of the University of Stuttgart,
Robert-Leicht-Str. 161, 70569 Stuttgart |