



## Macro Group UK Medal for Contribution to UK Polymer Science 2010



This year's award has been made to **Prof. Ian Manners** (University of Bristol) for his outstanding contribution to the UK polymers. Prof. Manners has made a key contribution to the field of metallo-polymers, being most well known for the synthesis and application of poly(ferrocenyl-silane)s and other related polymers. Amongst Prof. Manners most recent work is the development of 'living' supramolecular crystallization-driven self-assembly. Utilizing the highly crystalline nature of poly(ferrocenyl silane)s in block copolymers, solvent selective micellization has been shown to selectively produce cylindrical structures. The process has been perfected such that cylinders of highly controlled lengths can now be realized and a range of multifunctional, including multi-block cylindrical micelles can now be realized. This work has led to publication in several of the highest impacting scientific journals. Further work has focussed on the application of poly(ferrocenyl silane)s in combination with colloidal silica particles to realize a photonic material that can be tuned to any colour. Termed P-Ink (photonic ink) this work was developed in collaboration with Prof. Geoff Ozin and led to publication in *Nature Photonics* as well as the founding of a company, namely Opalux. Despite beginning his academic career in Canada, Prof. Manners has always maintained excellent contact with the UK academic community. Indeed he has been presented with awards such as the RSC Corday-Morgan Medal in 1997. Since his return to the UK, assisted by an EU Marie Curie Chair in 2005, Prof. Manners has continued to be recognized for his achievements including Royal Society Wolfson Merit Award (2005), Royal Society of Chemistry Award in Main Group Chemistry (2005) and the Tilden Lectureship, Royal Society of Chemistry (2007). Prof. Manners has served on several journal editorial advisory boards including *Angewandte Chemie International Edition*, *Journal of Inorganic and Organometallic Polymers* and *Advances in Polymer Science* as well as recently completed service on the editorial advisory boards of *Macromolecules*, *Macromolecular Chemistry and Physics* and *Macromolecular Rapid Communications*. Since 2006 Prof Manners has also been an Associate Editor for the *Journal of Organometallic Chemistry*.

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