Professor Eiji Yashima Winner of 2013 Chirality Medal





Eiji Yashima, Professor at Nagoya University, Japan, has won the 2013 Chirality Medal, in a stiff competition among a large field of excellent candidates. Professor Yashima receives the honor for his outstanding achievements in chirality and polymer stereochemistry—in particular, the developments of novel single- and double-stranded

helical oligomers and polymers with specific functions and a unique method to visualize the helicity of polymers at the single-molecule level.

Professor Yashima has made seminal contributions to our understanding of the importance of helicity of polymers and oligomers for their functions, which include chirality sensing, chiral recognition and separation of enantiomers, asymmetric catalysis, and spring-like motions. In addition, he made a key contribution in the development of a fascinating method to directly observe the helical structures of helical polymers, foldamers, and helical assemblies of small molecules by atomic force microscopy, which enables the determination of helical pitch, handedness (right or left), and helical sense excess.

With this award, Eiji Yashima joins 23 other distinguished scientists who have received the prize since its institution in 1991 by the Societa Chimica Italiana. He will receive the 2013 Chirality Medal and will present the Award Lecture at "Chirality 2013," the 25th International Symposium on Chirality (ISCD-25), on July 7, 2013 in Shanghai, China (please visit the website for more details on Chirality 2013: http://www.iscd25.org/dct/page/1).