



2023 Henry Clifton Sorby Awardee: Professor Ikuhara

It is my great pleasure to announce Professor Yuichi Ikuhara, as the 2023 Henry Clifton Sorby Awardee. On behalf of the IMS Sorby Award Selection Committee (SASC), I congratulate him on being recognized for this honor.

Our 48th Awardee is professor, director of the Institute of Engineering Innovation at the University of Tokyo, Japan. He earned a Dr. Eng. in materials science from the Kyushu University in 1988 as well as M.S. and B.S. degrees in metallurgy in 1985 and 1983, respectively.

He is an internationally recognized scientist in the field of interface science in materials, and for his work in advanced electron microscopy. He has studied intensively the atomic and electronic structures in various material interfaces, mainly by state-of-the-art transmission electron microscopy (STEM, HREM, EDS, and EELS).

With more than 850 publications, Professor Ikuhara has received numerous international awards, including the Hatsujiro Hashimoto Medal, International Federation of Societies for Microscopy (2018) and the George Weatherly Distinguished Lecture Award, Microscopy Society of Canada (2015).

Early recipients of the Sorby Award include Cyril Stanley Smith, remembered for his pioneering work in nuclear metallurgy and contributions to the Manhattan Project, Len Samuels, for work on fundamentals of metallography and the microstructure of steels, and Gunter Petzow for development of ceramography and properties of ceramics.

Professor Ikuhara's talk on "Grain Boundary Atomic Structures, Segregation, Dynamics in Ceramics" will focus on his work investigating grain boundary properties, focusing specifically on fracture and grain boundary migration features at the atomic scale. More details regarding Prof. Ikuhara's Sorby Award Lecture—to be presented in conjunction with IMAT 2023 this October—will appear in a future issue of SlipLines.

Chris Bagnall, FASM

Chair, IMS Henry Clifton Sorby Award Selection Committee



Footnote: In the original transmittal of this e-Newsletter, Prof. Ikuhara's university was spelled incorrectly. Kyushu University (not Kyusyu), located on Kyushu Island, is where he earned his Dr. Eng. degree. My apologies for this error. **CB.**