

2022 Henry Clifton Sorby Awardee: Professor Harry Bhadeshia

It is my great pleasure to announce **Professor H. K. D. H. (Harry) Bhadeshia**, as the 2022 Henry Clifton Sorby Awardee. On behalf of the 12-member IMS Sorby Award Selection Committee (SASC), I congratulate him on this achievement.

Our 47th Awardee is professor of Materials Science and Metallurgy at the University of Cambridge, U.K. Prof. Bhadeshia is also Tata Steel Professor of Metallurgy at the university. He earned a Ph.D. from the University of Cambridge in 1979 and B.Sc. Hons. from the City of London Polytechnic in 1976. His key area of expertise and contributions involve advancing the theory of solid-state phase transformations, in particular the predication and verification of microstructural development in multicomponent steels. He has also made major contributions to the understanding of the complex bainitic transformation by developing and applying theory to show that different modes of transformation have measurable influences on the final microstructure.

With more than 700 publications and five patents, Bhadeshia's accomplishments have been recognized internationally. He authored the third edition of *Bainite in Steels*, for Taylor and Francis. His awards include Honorary Fellow of the Royal Society, Royal Academy of Engineering, Indian National Academy of Engineering, American Welding Society, and National Academy of Sciences. Two textbooks that he authored are both in the top three of Springer's alltime most downloaded in chemistry/materials.

Prof. Bhadeshia's leadership has been evident in his roles as creator of both the Computational Metallurgy Laboratory at POSTECH in Korea (2005-2018) and the SKF University Technology Center in Cambridge (2009-2019). He also was founding editor of the *Journal of Science and Technology of Welding and Joining* (1995-2019).

Early recipients of the Sorby Award include Cyril Stanley Smith, remembered for his pioneering work in nuclear met-



allurgy 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.

More details regarding Prof. Bhadeshia's Sorby Award Lecture – to be presented in conjunction with IMAT 2022 this September – will appear in a future issue of *SlipLines*.

Chris Bagnall

Chair, IMS Henry Clifton Sorby Award Selection Committee

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Bibliography

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