

Prof. Gautam Biswas

Title of the Talk: Bubble Dynamics in Various Regimes of Boiling

Prof. Gautam Biswas is currently the Director of IIT Guwahati. He is a Professor in the Department of Mechanical Engineering at IIT Guwahati and at the Indian Institute of Technology Kanpur. He was the Director of CSIR-Central Mechanical Engineering Research Institute before joining IIT Guwahati. The research group of Professor Biswas at IIT Kanpur identified the phenomenon of Rayleigh-Taylor Instability during the bubble formation in film boiling. This was a significant addition to the classical theory, based on Taylor Helmholtz instability. Professor Biswas is the author of more than 150 technical publications, including more than 100 in the SCI journals.



Prof. Biswas was the occupant of the position of GD and VM Mehta Endowed Chair Professor of Mechanical Engineering at the Indian Institute of Technology Kanpur. He was a Humboldt Fellow in Germany in 1987-88 and JSPS invited fellow in Japan 1994. He is a Fellow of the American Society of Mechanical Engineers (ASME). He has served a full term as the Associate Editor of the Journal of Heat Transfer (Trans ASME). He was a Guest Professor at the University of Erlangen-Nuremberg in 2002. He was the Dean of Academic Affairs at IIT Kanpur for three years since January 2003.

Prof Gautam Biswas is a Fellow of the all three major science academies of India, such as, the Indian National Science Academy (INSA), New Delhi, the Indian Academy of Sciences (IAS, Bangalore) and the National Academy of Sciences India (NASI, Allahabad). He is a Fellow of the Indian National Academy of Engineering (INAE) and Institution of Engineers (IEI). He delivered prestigious Prof. CNR Rao Lecture in 2010. He has been awarded the esteemed J.C. Bose National Fellowship by the Department of Science and Technology, New Delhi in 2011. He has been awarded the Distinguished Alumnus Award by the Indian Institute of Technology Kharagpur in the year 2016. He has been conferred Honorary Doctorate (Honoris Causa) by National Institute of Technology Agartala, India in 2017. Currently he is Associate Editor of a well-known CFD-journal, - Computer and Fluids.