RECIPEINTS OF INSA OVERSEAS CHAIR 2026

INSA Chairs for Overseas Scientists under Sectional Committees 2026

SECTIONAL COMMITTEE - I: Mathematical Sciences

Prof. Jens Marklof, Henry Overton Wills Chair in Mathematics, School of Mathematics, University of Bristol

Prof. Jens Marklof, U Bristol (FRS), is a German mathematician working in the areas of quantum chaos, dynamical systems, equidistribution, modular forms and number theory. He is the president of the London Mathematical Society in the period 2023-2024.

SECTIONAL COMMITTEE - II: Physics

Prof. Shivaji L. Sondhi, Wykeham Professor of Physics, University of Oxford, UK

Prof. Shivaji L. Sondhi is a distinguished theoretical physicist. He is internationally recognized for his pioneering contributions to condensed matter physics, particularly in quantum Hall effects, topological phases, and non-equilibrium quantum systems. His work on magnetic monopoles in spin ice and time crystals has been widely celebrated as major breakthroughs. A Fellow of the Royal Society (2025) and the American Physical Society, he has received numerous honours including the Humboldt Research Award and the Europhysics Prize.

SECTIONAL COMMITTEE - III: Chemistry

Dr. Muthiah (Mano) Manoharan, Senior Vice President of Drug Innovation, Alnylam Pharmaceuticals, USA

Dr. Muthiah (Mano) Manoharan is a globally renowned chemist and a pioneer in RNA therapeutics. A founding scientist at Alnylam, Dr. Manoharan played a central role in developing RNA interference (RNAi) therapeutics, including ONPATTRO®, the first FDA-approved RNAi drug. His innovations in GalNAc-conjugated oligonucleotides have revolutionized targeted drug delivery, enabling multiple approved therapies

SECTIONAL COMMITTEE – IV: Earth & Environmental Sciences

Dr. Richard Ernst, Scientist-in-Residence, Carleton University, Canada

Dr. Richard Ernst is an eminent geoscientist and currently serves as Scientist-in-Residence in the Department of Earth Sciences at Carleton University, Canada, and as Professor at Tomsk State University, Russia. He is internationally recognized for his pioneering research on Large Igneous Provinces (LIPs)—massive volcanic events that have shaped Earth's geological and environmental history. His work explores their links

to mineral and hydrocarbon resources, supercontinent breakup, and major climate changes, including mass extinction events.

SECTIONAL COMMITTEE - V: Engineering and Technology

Prof. Gareth H. McKinley FRS, School of Engineering Professor of Teaching Innovation, Massachusetts Institute of Technology (MIT), USA

Prof. Gareth H. McKinley is a distinguished mechanical engineer and rheologist. His research focuses on the behaviour of complex and non-Newtonian fluids, with wide-ranging applications in materials science, biotechnology, and industrial processes. A Fellow of the Royal Society (FRS), the American Physical Society, and the Society of Rheology, Prof. McKinley has received several prestigious honours, including the Bingham Medal and election to the U.S. National Academy of Engineering.