

NANOENERGY 2026

LONDON (UK) FROM 4-8 OCTOBER 2026

SHORT BIO

Professor Manish Chhowalla is the Research Area lead for the Royce Atoms to Devices Research Area and Partner Lead for the University of Cambridge.

Manish Chhowalla, Goldsmiths' Professor of Materials Science, at the University of Cambridge has research interests in the fundamental studies of atomically thin two-dimensional transition metal dichalcogenides (TMDs). In particular, his group studies the optical and electronic properties of different phases of 2D TMDs. He has demonstrated that it is possible to induce phase transformations in atomically thin materials and utilize phases with disparate properties for field effect transistors, catalysis, and energy storage.

Prior to Cambridge, Prof. Chhowalla was a Distinguished Professor at Rutgers University in New Jersey, USA. Before that, he was a doctoral student in the Electrical Engineering Department at the University of Cambridge and Churchill College. After his doctorate and Royal Academy of Engineering Postdoctoral Fellowship, Professor Chhowalla worked in industry where he developed applications for "amorphous diamond".