



MSE Seminar:  
**Design Your Paper Writing**

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### **Abstract**

Incorporating design thinking into academic paper writing offers an unconventional approach to enhancing the impact and engagement of scholarly work. This method, rooted in empathizing with the reader, defining clear research problems, ideating creative solutions, prototyping through iterative drafting, and testing for feedback, can transform the traditional academic writing process. By adopting design thinking, researchers can more effectively address their readers' needs, presenting findings in a manner that bridges knowledge gaps and captivates interest. I will provide some practical examples and strategies for integrating these principles at every stage of writing. This approach not only makes academic findings more accessible and engaging but also encourages authors to think creatively about how they present their work, ultimately elevating the quality and impact of scholarly communication. Finally, this talk may inspire researchers to reimagine the potential of academic papers, turning them into compelling narratives that inform, engage, and inspire the academic community and beyond.

### **Biography**

Professor Xiaodong Chen holds the President's Chair Professorship in Materials Science and Engineering at Nanyang Technological University (NTU), Singapore, with courtesy appointments in both Chemistry and Medicine. His research interests span mechanomaterials science and engineering, flexible electronics technology, sense digitalization, and carbon-negative technology. Prof. Chen's outstanding scientific contributions have been recognized with numerous awards, including the Singapore President's Science Award, Singapore National Research Foundation (NRF) Investigatorship and NRF Fellowship, the Friedrich Wilhelm Bessel Research Award, Dan Maydan Prize in Nanoscience and Nanotechnology, Winner of Falling Walls, and Kabiller Young Investigator. He is an elected member of the Singapore National Academy of Science, the Academy of Engineering Singapore, and the German National Academy of Sciences Leopoldina, and an elected fellow of the Royal Society of Chemistry and the Chinese Chemical Society. Prof. Chen also serves on the editorial advisory boards of numerous esteemed international journals, including *Advanced Materials*, *Matter*, *CCS Chemistry*, *Small*, and *Nanoscale Horizons*. Currently, he is the Editor-in-Chief of *ACS Nano*, an ACS flagship journal in nanoscience and nanotechnology.

**Wednesday, 20 March 2024 || 2:00 pm – 3:00 pm ||**  
**MSE Meeting Room 1 (N4.1-01-28)**  
Please register [here](#).  
**Hosted by: Professor Chen Zhong**