



Jihoon Seo

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Dr. Jihoon Seo is an Assistant professor of Chemical and Biomolecular Engineering at Clarkson University, USA. Dr. Seo's research focuses on novel planarization and cleaning technologies and their applications in various manufacturing processes. He is leading *chemical mechanical planarization* (CMP) research at Clarkson University, which is a necessary process within the semiconductor manufacturing process. He earned his Ph.D. in Energy Engineering and his Bachelor of Engineering in Materials Science and Engineering from Hanyang University in South Korea.

Dr. Seo currently collaborates with leading semiconductor manufacturers and equipment suppliers to advance the field of CMP through the development and implementation of cutting-edge processes and materials in real-world semiconductor applications. He has also made important partnerships with a variety of semiconductor companies, ranging from large multinational chipmakers to smaller consumable companies. Dr. Seo has served on the *CAMP Faculty Advisory Board*, the planning committee of the *CAMP CMP Symposium*, and as a guest editor for a special issue of *Applied Sciences* focusing on "*Recent Advances in CMP Slurries and Post-CMP cleaning*." He has also served as a peer review panelist for the CMP Focus Issue on *ECS Solid State Science & Technology*. Furthermore, Dr. Seo is deeply committed to *Workforce Development* in the semiconductor industry and has provided valuable insights into the field for undergraduate and graduate students through industry visits.