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Sung Beom Cho is an Assistant Professor at Ajou University, where he is establishing a research program in computational materials science and materials informatics. He earned his Ph.D. from Hanyang University in 2017 and completed postdoctoral research at Washington University in St. Louis from 2017 to 2018. Dr. Cho specializes in multi-scale simulations, incorporating Density Functional Theory (DFT), Molecular Dynamics (MD), and Finite Element Method (FEM), with expertise in thermodynamics. His research focuses on integrating these methodologies with machine learning for advanced materials and process design. Dr. Cho's interests also extend to polymorph control in solid-phase epitaxy, instrument design, and recipe engineering for various materials.