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Rong Chen is a full professor at Huazhong University of Science and Technology with the School of Mechanical Science and Engineering, by courtesy of China-EU Institute for clean and renewable energy of HUST, and college of future technologies. She received her M.Sc. and Ph.D. degrees from Stanford, B.S. from University of Science and Technology of China. She was a senior research scientist at Intel Labs before she joined HUST.

Her research focuses on atomic level manufacturing, by understanding surface science, and applying to a range of problems in semiconductor manufacturing, nanotechnology, and sustainable energy. Prof. Chen is currently served as the associate editor of Int. J. Extrem. Manuf., editor of Physica B: condensed matter, editorial board member of Chem. Mater., J. Am. Vac. Technol. A&B and six other scientific journals. She has also served as Guest Editor for three journal special issues, Chair or Committee Member for six international conferences, Reviewer for more than 60 prestigious journals including Nature, Nature Rev. Methods.

Prof. Chen is the recipient of Tencent Xplorer award, Science and Technology Award for Chinese Youth, Qiushi Distinguished Young Scholars, Distinguished Young Investigator of China Frontiers of Engineering, as well as IEEE SMC 2020 Distinguished Academic Contribution Award, the special gold prize (with the congratulations of the jury) of Geneva International Inventions, the Simon Karecki award of Semiconductor Research Association, the Texas Instruments Woman's Fellowship for Leadership in Microelectronics, etc.