



Dr. Geumchan Hwang

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Dr. Geumchan Hwang is the team leader for SiC power semiconductor epi equipment development at TES Co., Ltd. He earned his Ph.D. in Ceramic Engineering from Tokai University in Japan and previously worked at IBIDEN in Japan. Since joining LG Innotek in 2009, he has participated in a major national project supported by the Korea Evaluation Institute of Industrial Technology, which he successfully completed. During this project, he conducted research on SiC epi, an area that has recently garnered significant attention. Leveraging this expertise, he moved to SK Siltron, where he established the first large-scale mass production system for a domestic company. Currently, at TES, he leads the development of SiC power semiconductor epi equipment. At ICSCRM 2025 in Busan, he presented Korea's first domestically developed equipment. In that presentation, he briefly introduced TES's SiC power semiconductor epi equipment.