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ON MANUFACTURING TECHNOLOGY 2024

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Paradise Hotel Busan & Grand Josun Busan
(Haeundae Beach) | Busan, Korea



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Robert Nemanich is Regents' Professor in the Department of Physics at Arizona State University. He leads the US DOE funded Energy Frontier Research Center on *ULTRA Materials for a Resilient Smart Electricity Grid*. He has previously served as President of the Materials Research Society (MRS), and the International Union of Materials Research Societies (IUMRS). He is Fellow of the American Physical Society and the Materials Research Society. His research is focused on growth, interfaces, phenomena and devices of diamond and ultra-wide bandgap materials.

Title: Diamond Power Electronics: Challenges and a Path Forward