



Prof. Masaharu Shiratani

**Institute of Advanced Study, Center of Plasma Nanointerface Engineering (CPNE), Quantum and Photonics Technology Research Center (Q-Photon Center), Department of Electronics, Graduate School of Information Science and Engineering, Kyushu University
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Education

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| 1990 | Doctor of Engineering in Electrical Engineering, Kyushu University |
| 1985 | Master of Engineering in Electrical Engineering, Kyushu University |
| 1983 | Bachelor of Engineering in Electrical Engineering, Kyushu University |

Professional Experience

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| 2021-present | Dean, Institute of Advanced Study, Kyushu University |
| 2020-present | Director, Quantum and Photonics Technology Research Center (Q-Photon Center), Kyushu University |
| 2018-2021 | Dean, Graduate School of Information Science and Electrical Engineering, Kyushu University |
| 2010-present | Director, Center of Plasma Nanointerface Engineering (CPNE), Kyushu University |
| 2009-present | Distinguished Professor Kyushu University |
| 2006-present | Professor, Department of Electronics, Kyushu University |
| 1996-2006 | Associate Professor, Department of Electrical Engineering, Kyushu University |
| 1988-1990 | Research Associate, Department of Electrical Engineering, Kyushu University |

Research activities

Research interests include plasma processing of solar cells, plasma material interactions, plasma CVD, dusty plasmas, plasma life-sciences and toxic effects of nanomaterials. A leading researcher in "plasma agriculture", manifested by three invited talks were given in three international workshops on plasma agriculture, as well as by guest editor of special issue on "plasma agriculture" of PPAP, PSST, and Plasma Medicine. Many international collaborations have been carried out with Ecole Polytechnique, ONERA, Grenoble University (France), RWTH Aachen University, University of Kiel (Germany), UC Mercedes (USA), SKKU, Busan National University, Kwangwoon University (Korea), University of South Australia (Australia), Vytautas Magnus University (Lithuania).