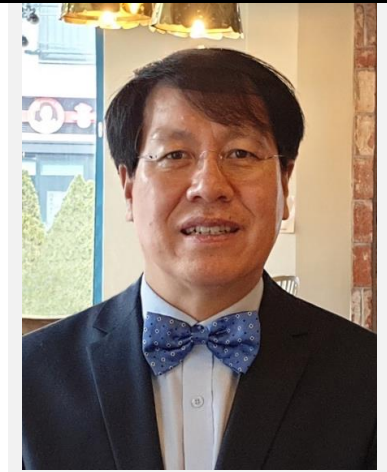


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PHOENIX JEJU Hotel & Resort, Jeju Island, Korea

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## Prof. Wonho Choe

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WONHO CHOE is a professor at Department of Nuclear and Quantum Engineering and also at Department of Physics in Korea Advanced Institute of Science and Technology (KAIST).

He has been working on various plasma fields including weakly-ionized plasma physics, atmospheric pressure plasma source development, application feasibility studies, and advanced imaging plasma diagnostics development.

He is a pioneer in the plasma thruster R&D in Korea. He and his colleagues developed Hall thruster plasma engines for three Low Earth Orbit (LEO) satellites manufactured in Korea. In the last several years, his group has been collaborating with experts in other disciplines for utilizing plasma technology in food and agricultural areas, so called *plasma farming*.

He was the Chair of Korean Physical Society - Plasma Physics Division in 2014-2016, and is Vice President of Association of Asia Physical Societies – Division of Plasma Physics. He is also the Director of the Impurity and Edge plasma Research Center funded by Korean National Research Foundation since 2009. He is now serving as the President of KAIST Faculty Council.

He has published 173 SCI journal papers (including Nature Communications, Applied Materials & Interfaces, Nanoscale, Scientific Reports, Plasma Sources Science and Technology, Physics of Plasmas, Applied Physics Letters, etc), and also gave 518 conference presentations.