

Dr. Sang H. Choi
Senior Scientist
NASA Langley Research Center

Dr. Sang H. Choi is a senior scientist at NASA Langley Research Center, having a role to lead a research team in advanced electronic and energetic materials. He has worked on numerous research projects, such as satellite ERBE sensors, solar-pumped lasers, plasma switches, microwave reflectometers, solar thermal rocket, bionano battery, smart optics, nano-energetic propellants, micro-spectrometer, and neural probe. Dr. Choi also serves for NASA's Quantum Technology Blue Sky team, NASA's Risk-Taking Success Strategy Committee, NASA LaRC Ideation-Innovation Blue Sky Team, and NASA LaRC Honor Awards panel.

Dr. Choi received 71 awards from NASA. Dr. Choi also received 3 of Nano50 Awards in 2006, 2007, and 2008. In 2009, he won R&D100 Award. In 2010, he won 2010 SOLAR Award.

Dr. Choi published over 200 technical papers and reports. He received 40 U.S. patents and 18 patents pending. He has total 19 invited, featured, plenary, or keynote talks on various technical areas. Dr. Choi has given 71 invited talks and has 18 news media captures.

Dr. Choi serves as the Editor-in-Chief for 1 technical journal and the associate editors for 7 different technical journals and. Dr. Choi has served as the conference chairs and session chairs for numerous professional events. Dr. Choi is a fellow of SPIE and an associate fellow of AIAA.

