



INTERNATIONAL MICROWAVE POWER INSTITUTE

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Jayan and Bruce Tapped to Lead IMPI 58 Technical Program at Washington, D.C. Symposium in May of 2024

July 14, 2023 - The International Microwave Power Institute (IMPI), the leading scientific organization dedicated to connecting the global microwave and RF energy community, will host the 58th Annual Microwave Power Symposium (IMPI 58) at the Hyatt Regency Reston outside of Washington, D.C., USA, from May 29-31, 2024. IMPI 58 will be led by Technical Program Chair, Dr. Reeja Jayan of Carnegie Mellon University (CMU) and Technical Program Vice Chair, Dr. Ralph W. Bruce, of RWBruce Associates, LLC, and formerly of Vanderbilt University.

The Call for Papers for IMPI 58 will open in early September 2023. Submissions on a range of Mw/RF/Solid State categories, including Fundamentals & Modeling, Industrial Process Equipment, Food Science & Technology, Industrial Processing, and Research & Emerging Technologies, will be considered for oral and/or poster presentation, over the 3-day event.

Dr. Jayan, who served as the Vice Chair of IMPI 57, alongside Dr. Candice Ellison of the USDA-ARS, joined IMPI's Corresponding Board in June of 2023. She currently serves as an Associate Professor of Mechanical Engineering at Carnegie Mellon University (CMU) and is the CMU Engineering Dean's Early Career Fellow, and Faculty Fellow of the Wilton E. Scott Institute for Energy Innovation. Jayan also holds courtesy appointments in Materials Science & Engineering, Chemical Engineering, Electrical & Computer Engineering at CMU.

"I am excited to lead the IMPI 58 team to promote the multidisciplinary theme that connects fundamental sciences of microwaves and RF to a diverse range of applications from materials, chemistry and catalysis to food processing. In the spirit of workforce development, we look forward to expanding programming options for our students and early career attendees," Jayan said.

Dr. Ralph Bruce's association with IMPI spans decades. He received both his B.S. and M.S. degrees in Electrical Engineering from Santa Clara University and earned his Ph.D. from Vanderbilt University, where he served until recently, as a Professor of the Practice of Electrical Engineering, since 2012. He is currently the President of RWBruce Associates, LLC, which supports U.S. government agencies, such as NASA, in the development of microwave materials processing components and systems for ISRU of Lunar and Martian regolith and simulants.

“I am very pleased to once again be part of the Technical Program team. I am especially interested in doing a more in depth set of presentations on recent and novel applications of microwave power and energy - thinking outside the box and even beyond the earth. Having been recently involved with using microwave power to establish infrastructure on the Moon, I am very interested in seeing what else what can be done,” said Bruce.

IMPI’s President, John F. Gerling, stated, *“The leadership team for IMPI’s 58th Annual Microwave Power Symposium is truly impressive. I’ve known and collaborated with both Dr. Reeja Jayan and Dr. Ralph Bruce for many years and have tremendous confidence in their ability to organize an outstanding technical program. IMPI 58 will be an event not to be missed!”*

The Hyatt Regency Reston, located six miles from Dulles International Airport (IAD), will be the ideal setting for IMPI’s growing Symposium. Anchored twenty miles west of Washington, D.C., the Hyatt sits on a recently completed metro rail line that runs from IAD to D.C., and is part of the acclaimed Reston Town Center, a walkable town square which boasts over 35 retailers, 50 restaurants, a cinema and plentiful outdoor spaces. The last time an IMPI Symposia took place in the Washington, D.C. area was 2009.

The Call for Papers, registration, exhibition, sponsorship and hotel details will be added to the [IMPI 58 Symposium webpage](#) in the coming weeks.



*From left: Drs. Jayan & Bruce
Below from left: Hyatt Regency
Reston Atrium and Reston Town
Center*



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