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Jesse Brunet , Alex Ayling, Ali Hajimiri — For the outstanding/impactful paper entitled, “Transmitarrays for Wireless Power Transfer on Earth and in Space,” *IEEE Journal of Microwaves*, vol. 4, no. 4, October 2024”

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Alex Ayling received a B.S degree in electrical engineering at the University of Minnesota, Twin Cities, in 2018, and an M.S degree in electrical engineering at the University of Illinois, Urbana-Champaign in 2020. He received his PhD from Caltech in 2026 in electrical engineering working in the Caltech Holistic Circuits (CHIC) laboratory. His research interests are large-scale phased arrays at microwave and millimeter wave frequencies for data communications, RADAR and wireless power transfer. He is currently an RFIC researcher at Nokia Bell Labs.



Ali Hajimiri

Ali Hajimiri is Bren Professor of Electrical and Medical Engineering at Caltech, Director of Caltech Holistic Integrated Circuit Laboratory, and co-Director of the Space-based Solar Power Project. His research interests are integrated photonic and electronic systems for applications in sensors, photonics, communication, wireless energy transfer, and biomedical devices. He is a Fellow of National Academy of Inventors (NAI) and IEEE and has served as a Distinguished Lecturer of the IEEE Solid-State and Microwave Societies is winner of Microwave Prize. He is the recipient of the Feynman Prize for Excellence in Teaching, Caltech’s most prestigious teaching honor. He co-founded Axiom Microdevices Inc., whose fully-integrated CMOS PA has shipped around 400,000,000 units, and was acquired by Skyworks Inc.



Jesse Brunet

No photo or bio available at time of publication.