The Institute of Electrical and Electronics Engineers

North Jersey Section AP/MTT, Photonics ED/CAS, SIGHT, WIE Chapters
& Radio Club of America (RCA) Award

Prof. Dr.-Ing. habil Ulrich L. Rohde

Professorship at the University of the German Federal Joint Forces, Munich

In appreciation of your presentation entitled

"Optimizing Rod Antennas for Manpack Systems for Both Amateur & Military Applications"

on May 20, 2025

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Photonics Chapter Co-Chair, IEEE AP-S Global Chapter Activity Committee Chair

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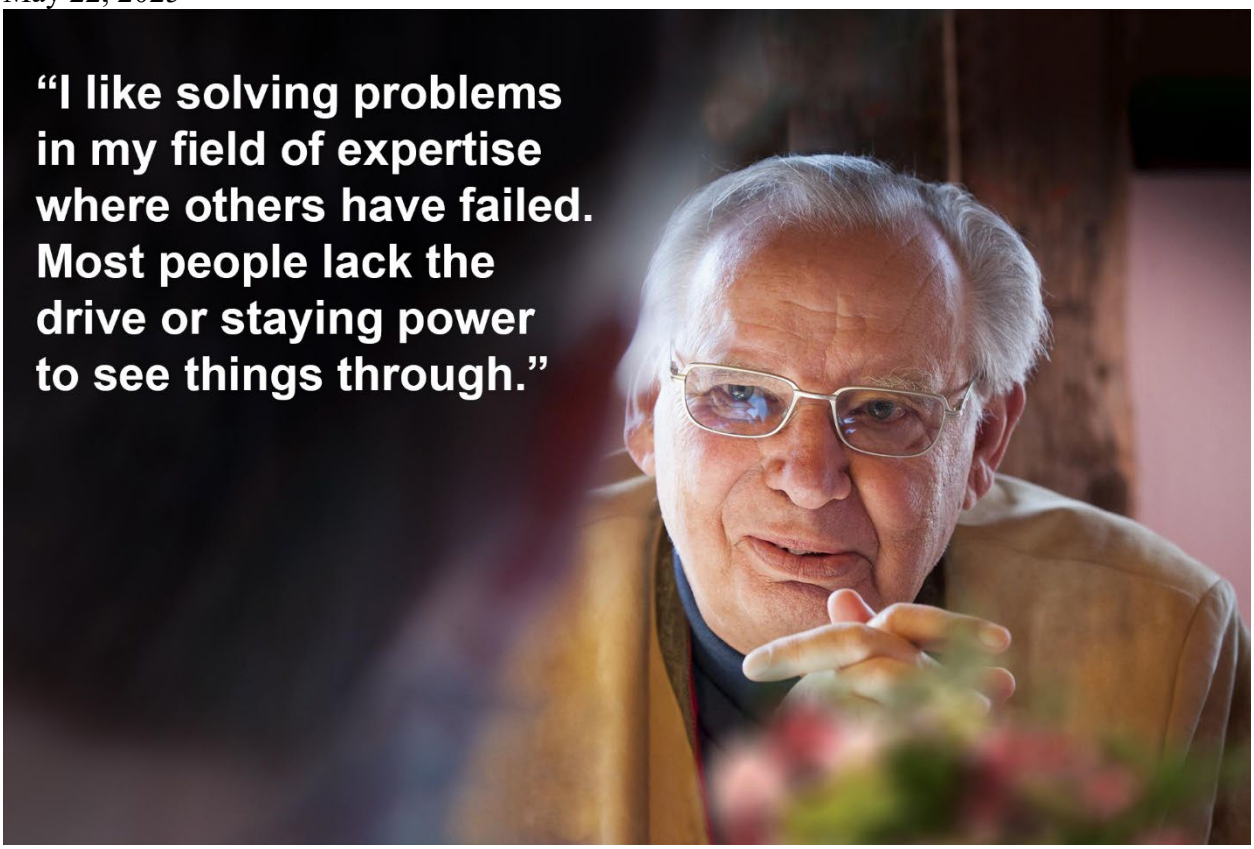
The MIT Microsystems Technology Laboratories welcomes visiting scientist, Ulrich L. Rohde, expert in microwave systems and radio frequency

May 22, 2025



Dr. Ulrich L. Rohde, professor, IEEE life fellow, Partner of Rohde & Schwarz, and Chairman of Synergy Microwave Corp., known for his expertise in microwave systems and radio frequency is the Microsystems Technology Laboratories (MTL) newest visiting scientist.

In his role within MTL, Dr. Rohde will be collaborating closely with MTL Director, Prof. Tomas Palacios and other faculty members, advising MTL students, and supporting the MTL community. With his background in RF and microwave engineering—particularly in circuits and systems—as well as his experience as an educator, he looks forward to working with students at MIT as they develop world-class technologies, offering guidance on key parameters and the optimal applications of emerging innovations.

“I like to look at crazy ideas and make complicated things possible,” Rohde said as one of the reasons he felt compelled to come to MIT. “MIT is not only the leading university in this field of expertise, but its unparalleled industrial connections are also unique to MIT.”

“MTL focuses on developing fundamental innovations for microelectronics and its applications based on a deep understanding of system-level impact,” said Palacios. “Dr. Rohde is a legend in the RF and microwave space who fully embodies this approach. We are looking forward to working closely with him to continue MTL’s mission to invent the future of electronics.”

Dr. Rohde is a full professor of Radio and Microwave Theory and Techniques at the University of Oradea, Universität der Bundeswehr in Munich, Brandenburg University of Technology Cottbus-Senftenberg and honorary professor at several other universities worldwide. He has published 400+ scientific papers, co-authored over a dozen books with John Wiley and Springer and holds 50 plus patents; he’s also received many awards and recognitions. The IEEE recognized his five decades of scientific research contributions by establishing three awards in his name: (1) IEEE Ulrich L. Rohde Innovative Conference Paper Awards on Antenna Measurements and Applications, (2) IEEE Ulrich L. Rohde Innovative Conference Paper Awards on Computational Techniques in Electromagnetics, and (3) IEEE Ulrich L. Rohde Humanitarian Technical Field Project Award.