

Chapter Seminar

Microwave disinfection of farmland

Prof. Giuseppe MAZZARELLA



Date: 22 February 2024

Time: 11:00

Location: **onsite** in Room 2R,
Dipartimento di Ingegneria
Civile, Ambientale e Meccanica,
Via Mesiano 77, Trento; and
online at
<https://zoomto.me/srALq>

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Giuseppe Mazzarella (*Senior Member, IEEE*) graduated (summa with laude) in electronic engineering and the Ph.D. degree in electronic engineering and computer science from the Università Federico II of Naples, Naples, Italy, in 1984 and 1989, respectively. In 1990, he became an Assistant Professor with the Dipartimento di Ingegneria Elettronica, Università Federico II of Naples. Since 1992, he has been with the Dipartimento di Ingegneria Elettrica ed Elettronica, Università di Cagliari, Cagliari, Italy, first as an Associate Professor and then, since 2000, as Full Professor, teaching courses in electromagnetics, microwave, antennas and remote sensing. He has authored (or coauthored) more than 70 papers in international journals. His research interests include efficient design of large arrays of slots, power synthesis of array factor, with emphasis on inclusion of constraints, microwave holography techniques for the diagnosis of large reflector antennas, and use of evolutionary programming for the solution of inverse problems, in particular problems of synthesis of antennas and periodic structures. Dr. Mazzarella is a Reviewer for many EM journals