

## Across Italy with Electromagnetics: IEEE AP-S DL Tour Highlights

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Within the framework of the IEEE Antennas and Propagation Society (IEEE AP-S) Distinguished Lecturer (DL) Program, we conducted an academic lecture tour in Italy, delivering DL presentations at multiple universities. The tour aimed to strengthen scientific exchange, foster collaboration opportunities, and engage students and researchers through discussions on recent advances in electromagnetics.

#### Schedule:

- Jan 26, 2026 – University of Genoa (Genoa): Computational Electromagnetics: From Basics to Mastery
- Jan 28, 2026 – University of Trento (Trento): The Magic World of Transformation Electromagnetics: Invisibility and Beyond
- Feb 02, 2026 – University of Perugia (Perugia): The Magic World of Transformation Electromagnetics: Invisibility and Beyond
- Feb 04, 2026 – La Sapienza University of Rome (Rome): Computational Electromagnetics: From Basics to Mastery
- Feb 05, 2026 – Roma Tre University (Rome): The Magic World of Transformation Electromagnetics: Invisibility and Beyond

#### Genoa – Maritime identity and a “towered skyline” atmosphere

Genoa stands out as a major maritime and port city with a strong historical identity shaped by trade and seafaring. The city's waterfront character and prominent vertical landmarks create a “towered skyline” feeling that can be reminiscent of the Galata area in Istanbul. The iconic Lanterna lighthouse, a long-standing symbol of Genoa's relationship with the sea, further reinforces the city's distinctive coastal spirit.

#### Trento – Winter scenery near the Alps

Trento offered a memorable winter setting on the day of the lecture, with a beautiful snowfall that enhanced the overall atmosphere of the visit. Its proximity to the Alps is reflected in the surrounding mountainous silhouette and scenic landscape, providing a remarkable backdrop for academic engagement and discussions.

#### Perugia – Historic university city in the heart of Umbria

Perugia is widely recognized as a historic hilltop city in the heart of Umbria, known for its medieval ambiance and deep cultural heritage. With a strong university-city profile, it offers an intellectually vibrant environment that naturally supports research dialogue and interactions with students and faculty.

## Rome – Academic excellence within a multi-layered historical setting

Rome offers a unique setting where centuries of history coexist with a vibrant, contemporary academic ecosystem. As an open-air museum shaped by antiquity, the Renaissance, and modern life, the city creates an inspiring backdrop for international academic visits. Sapienza University of Rome, with its long-standing tradition and academic prominence, provides an outstanding environment for scholarly exchange. Roma Tre University, as one of the younger institutions in the city, reflects Rome's modern and fast-evolving academic dimension through its dynamic and forward-looking profile.

Across the tour, the hospitality of Italian colleagues has been exceptional—well-organized events, warm welcome, and a genuinely collaborative attitude. This friendly and open scientific culture has significantly enriched the discussions during and after the lectures, strengthening the overall impact of the DL visit and enabling meaningful networking with researchers and graduate students. The combination of high-quality hosting institutions, engaged audiences, and the collegial atmosphere has made this tour scientifically productive and personally memorable.

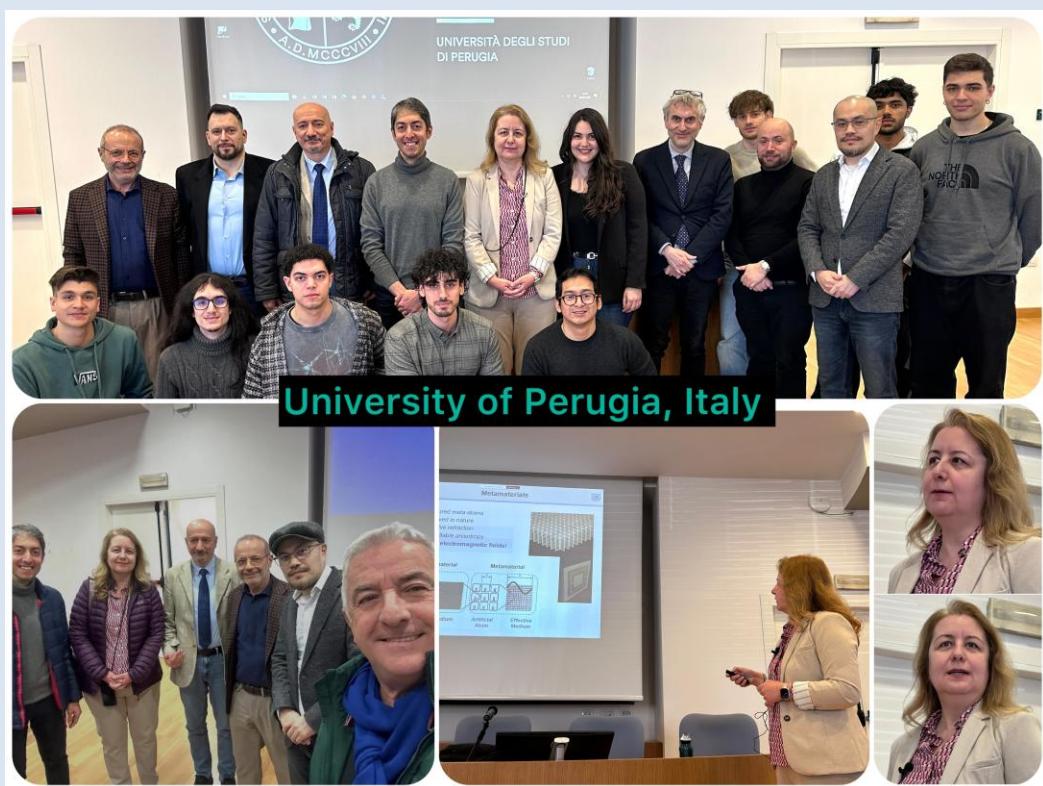
I am deeply grateful to Prof. Levent Sevgi for organizing the trip and to IEEE AP-S for sponsoring my participation. I also sincerely thank Prof. Giacomo Oliveri, Prof. Cristiano Tomassoni, Prof. Fabrizio Frezza, and Prof. Alessio Monti for their generous hospitality and for making these workshop days so successful. It was also a great pleasure to meet and interact with my DL colleagues throughout the trip—Prof. Giovanni Toso, Prof. Andrea Massa, Prof. Satish Sharma, Prof. Okan Yurduseven, Prof. Pai-Yen Chen, Prof. Andrea Alù, Prof. Stefano Maci, and Prof. Filiberto Bilotti.



**Picture 1:** A collection of photos from Genoa workshop.



**Picture 2:** A collection of photos from Trento workshop.



**Picture 3:** A collection of photos from Perugia workshop.



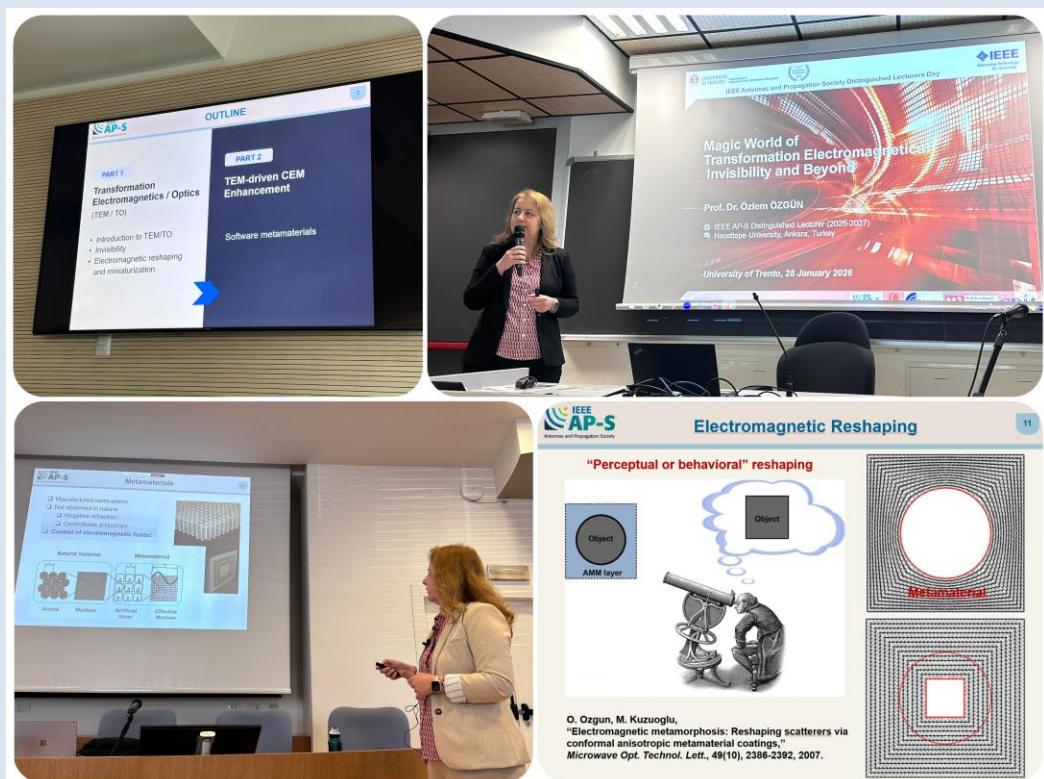
**Picture 4:** A collection of photos from Rome (Sapienza University) workshop.



**Picture 5:** A collection of photos from Rome (Rome Tre University) workshop.



**Picture 6:** Italy tour, guided by Maxwell: strong fields, high energy.



**Picture 7:** Transformation EM: waves were bent, great memories accumulated.