

**IEEE**

MMET
2020
October 6-9
Uzhhorod
Ukraine

IEEE 18th International Conference on Mathematical Methods in Electromagnetic Theory

Come to blend mathematics with electromagnetics for microwave, terahertz, photonic and plasmonic applications at Europe's Far East - in Ukraine!

MMET*2020 is the 18th International Conference on Mathematical Methods in Electromagnetic Theory. It is a traditional forum held in Ukraine since 1990. MMET is famous as efficient interface between the Ukrainian and Western scientists and engineers in the broad area of modeling and simulation of electromagnetic fields including wave propagation, radiation, scattering, guidance, processing, etc. Characteristic feature of MMET is a stronger emphasis on the analytical and mathematical aspects of research into electromagnetics. The program consists of only oral presentations (30-minute invited talks and 15-minute session ones), and English is single working language.

Organizer:

IEEE Ukraine Section (East) AP/MTT/ED/AES/
GRS/NPS Societies Joint Chapter

In cooperation with:

- Uzhhorod National University
- Institute of Radiophysics and Electronics NASU
- Chapters of IEEE Ukraine Section
- Central European Initiative
- EPS Kharkiv Young Minds Section
- Optical Society (OSA)

Important Dates:

April 1, 2020	Opening of paper submission
July 1, 2020	Deadline for paper submission
July 15, 2020	Paper acceptance notification
October 6-9, 2020	MMET*2020 Conference dates

Conference Topics:

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|------------------------------------|------------------------------------|
| – Analytical Regularization | – Lens Modeling |
| – Antenna Modeling | – Metamaterials and Homogenization |
| – Asymptotic Methods | – Nystrom-type Methods |
| – Beams and Particles | – Photonics and Lasers |
| – Computational Techniques | – Plasmonic Scatterers |
| – Convergence and Accuracy | – Propagation of Waves |
| – Eigenvalue Problems | – Quasioptics |
| – Electromagnetic Theory | – Radar Cross-Section |
| – Fast Solvers | – Remote Sensing |
| – Graphene Electromagnetics | – Scattering and Diffraction |
| – Gratings and Periodic Structures | – Time-Domain Methods |
| – Inverse Problems | – Waveguide Circuits Modeling |
| – Integral Equation Methods | – Others |

Venue:

Uzhhorod National University, Uzhhorod, Ukraine

Expected Social Events:

- Welcome party
- Uzhhorod city tour
- Ethnic Ukrainian gala dinner
- Post-conference visit to Mukachevo (Palanok) castle

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