



IMPI'S 56TH ANNUAL MICROWAVE POWER SYMPOSIUM

The Premier Industry-Wide Microwave Power Event

IMPI 56: Workshop on Computer Modeling

Synopsis: The Workshop aims to introduce the attendees to the basic concepts, techniques and practices of computer modeling for microwave power systems and processes. The event will consist of a series of talks explaining the fundamentals of the Finite Element Method and the Finite-Difference Time-Domain Technique and principles of their use in the *COMSOL Multiphysics* and *QuickWave* computational environments, respectively. Introductory Lectures about each approach will be followed by discussions of corresponding Case Studies, i.e., examples of successful modeling projects that include formulation of a problem, its solution and interpretation of the results. The Workshop will also feature a presentation of a step-by-step modeling process in *QuickWave**).

*) Courtesy by QWED, a three-month complimentary license for *QuickWave* will be provided to the interested Workshop attendees.

Confirmed Workshop Speakers:

Sohan Birla, Conagra Brands, NE, USA
Charles Manière, CNRS, France
Ajit Mohekar, WPI, MA, USA
Marzena Olszewska-Placha, QWED, Poland
Paolo Veronesi, Univ of Modena & Reggio Emilia, Italy
Vadim Yakovlev, WPI, MA, USA

June 14, 2022

8:00 am – 3:30 pm

DeSoto Hotel, Savannah, GA, USA

Registration Fees: \$299 (IMPI Members)
\$349 (Non-Members)

Registration at:
<https://impi.org/events/symposium/>