



AMPERE 2023

Workshop on Computer Modeling

Synopsis: The workshop aims to introduce the attendees to the basic concepts, techniques and practices of computer modelling for microwave power systems and processes. The event will start with two lectures explaining the fundamentals of the Finite Element Method and the Finite Difference Time Domain Technique and principles of their use in COMSOL Multiphysics® and QuickWave™, respectively. The lectures will be followed by presentations of corresponding case studies, with examples of successful modelling projects, including problem formulations, solutions and interpretation of results. The workshop will be concluded by two hands-on sessions in which participants will get their initial experience with step-by-step modelling processes in both COMSOL Multiphysics® and QuickWave™.

- ❑ After the event, COMSOL will provide all workshop attendees a two-week trial of the full COMSOL Multiphysics® product suite to continue exploring the software at your own pace.
- ❑ Courtesy by QWED, a two-month complimentary license for full-power QuickWave Professional Suite™ will be provided to the interested workshop attendees.

September 11, 2023

9:00 – 17:00

Cardiff, U.K.

Registration will be open in May 2023 at:
<https://ampere2023.com/registration/>