



ANSYS Metamaterial Summit

The field of metamaterials is rapidly becoming a key research topic among today's leading academic and commercial institutions. What was once a niche research topic, is now at the forefront of many R&D groups across the world. Applications ranging from cloaking to miniaturization have necessitated new analysis and design approaches to classic designs.

As these synthesized materials become more electromagnetically complex, new analysis methods need to be employed. Full-wave, 3D electromagnetic tools, such as ANSYS High Frequency Structure Simulator (HFSS), are frequently utilized to test theory, extract effective material properties, and predict real-world effects.

The ANSYS Metamaterial Summit will consist of metamaterial background discussions as well as applications and analysis with HFSS. Tips and tricks for simulating these models will be delivered, as well as new methods for material property extraction. All attendees will be given copies of the presentation material as well as example projects to get started with metamaterial simulations in HFSS. The afternoon session is open to commercial and academic organizations to provide colleagues with an overview of their metamaterial research.

For more information on this summit, please contact Jim DeLap at 781-743-0606 or jim.delap@ansys.com.

Location: Burlington, MA

Date: Thursday, September 12, 2012

Time: 8:00 a.m. to 12:00 p.m.

Lunch Included

Venue: ANSYS, Inc.
67 South Bedford Street
Suite 202E
Burlington, MA 01803

Cost: Free

Register:
<https://marketing.ansys.com/go/ansysinc/epcoseemsn672>