

PathWave RFPro class for EM simulations in the Cadence Virtuoso environment

Course Overview

What you will learn:

- How to launch an EM simulation using RFPro
- How to use RFPro EM model data in a circuit simulation
- How to partition the design and split it between the circuit level components and the parts sent to the EM solver
- How to easily select and extract the nets you wish to analyze
- How to combine various technologies used in RF modules in order to analyze On- and Off-Chip Impairments

Course Type

User/Application Training

Audience

Technical staff who work in an RF or microwave design environment and want a comprehensive introduction to RFPro.

Prerequisites

Familiarity with basic RF and microwave concepts. Cadence environment experience.

Course Length

1 day

Course Format

The course combines lecture presentations with instructor guided, hands-on sessions.

Detailed Course Agenda

□ Day 1

- Overview of Momentum and FEM solvers
- RFPro Options and User Interface
- Nets Types and Components Roles: Combining Layout with Circuit Level components
- Virtual Pins and Port definitions
- RFPro Full and User Defined EM Simulations
- Circuit Role Guidelines
- RFPro EM-Circuit Co-Simulation
- Smart Mount: combining multiple technologies

Delivery Location

To be defined

Delivery Dates

To be defined