Contribution ID: **51** Type: **not specified**

# Introduction to RF-Structures and Their Design

*Tuesday, 25 August 2015 09:50 (1 hour)*

The numerical design chapter of the class addresses two topics: (1) Numerical Methods that include resonator design basics, introduction to Finite Difference, Finite Element and other methods, and (2) Introduction to Simulation Software that covers 2D and 3D software tools and their applicability, concepts for problem descriptions, interaction with particles, couplers, mechanical and thermal design, and finally a list of tips, tricks and challenges.

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**Session Classification:** Microwave Cavity Simulations - I