



**IEEE EMC Society
Chicago Chapter**

IEEE EMC Society Chicago Chapter September 12, 2012

Topic: Why does my design fail EMC ? & How to fix it !

Presenter: Jerry Meyerhoff JDM Labs

Overall EMC principles are introduced - 4 quadrants of mechanisms , 3 elements of the actors , and 4 types of coupling . Case studies drawn from 6 designs are used to demonstrate the underlying EMC physics across the 4 quadrants for causes and cures .Analysis, measurement and creativity methods are highlighted. Narratives also present soft skills of teamwork & consulting persuasion. Solutions are generalized for applicability to multiple future designs.

Biography: Jerry Meyerhoff, Principal EMC Consultant, JDM LABS LLC, received his BSEE from UIC (University of Illinois at Chicago) with post-graduate studies at IIT. Previously Staff Engineer with Motorola Communications Division and Distinguished Member of the Technical Staff of the Motorola Automotive Business, then Distinguished Member of the Technical Staff, EMC Engineer, ElectroMagnetic Compatibility specialist, with Continental Automotive Systems. IEEE/EMC Distinguished Lecturer, Secretary of the Chicago IEEE/EMC chapter, Programs Chair of the UIC Engineering Alumni Association (EAA) , UIC Constituent Leadership Award, Six US Patents, Amateur operator WA9FIY.

**Location: Illinois Institute of Technology
Rice Campus
201 East Loop Road
Wheaton, Illinois 60189**

Attendee

A handwritten signature in black ink that reads "Jack Black". The signature is written in a cursive style.

Jack Black
Chapter Chairman