

2016 IEEE MTT-S Latin America Microwave Conference (LAMC 2016)
Puerto Vallarta, Mexico, Dec. 12-14, 2016

Special Sessions

SS-2: High Speed and High Power Technologies for Modern Data Centers (Mo-6)

Day: Monday, December 12
Room: Violeta/Tulipan
Time: 14:45–16:05

Organizers:

Jiangqi He and Jayashree Kar (Intel Corporation)

Abstract:

Modern datacenters require cutting edge technologies to meet their performance and complexity. Among many other challenges, such as software stack, business model, operational management and others, high speed signaling and high power technologies remain the key roles for building modern datacenters. Those challenges not only include new materials and innovative designs architectures, but also require new tools and methodologies. This special section will cover some of the research and development topics that are directly linked with high performance datacenter solutions associated with microwave and electromagnetic technology developments.

Time	ID	Paper#	Title / Authors / Affiliations
14:45 to 15:05	Mo-6-1	-	Signal Integrity Challenges for Data Center Howard Heck Intel Corporation, Hillsboro, OR, USA
15:05 to 15:25	Mo-6-2	-	High Density Integrated Voltage Regulator Solution for Data Center Qiang Li Virginia Tech, Blacksburg, VA, USA
15:25 to 15:45	Mo-6-3	-	CAD Challenges for Multi-physics An-Yu Kuo Cadence, San Jose, CA, USA
15:45 to 16:05	Mo-6-4	-	System Level Optimization of Power Delivery Networks Felipe Leal-Romo Intel Guadalajara Design Center, Mexico and ITESO – The Jesuit University of Guadalajara, Mexico