

## Monday, 10 May 2021

9 a.m.- 12 p.m.	<b>Demystifying GaN HEMT: From Theory to Practice</b> [SEM 14]	<b>Basics for Electromagnetic Compatibility (EMC) of Power Electronics</b> [SEM 8]	
	<b>Miroslav Vasic</b> , University of Madrid, E	<b>Jacques Laeuffer</b> , Dtalents, F	
3 p.m.- 6 p.m.	<b>Insulation and Coordination Design Steps for Medium Voltage Power Electronics Applications</b> [SEM 10]	<b>EMI-Optimised High-Performance DC/DC Converter in GaN-SiC Technology with an Output Power of &gt;300 W at 4 MHz Switching Frequency</b> [SEM 15]	<b>New Developments in Topologies and Magnetics to reach 99% Efficiency using GaN Semiconductor Devices</b> [SEM 1]
	<b>Ilknur Colak</b> , Maschinenfabrik Reinhausen, D	<b>Heinz Zenkner, Andreas Nadler</b> , Würth Elektronik, D	<b>Ionel Dan Jitaru</b> , Rompower, USA

## Tuesday, 11 May 2021

9 a.m.- 12 p.m.	<b>Reliability Engineering in Power Electronics Systems</b> [SEM 7]	<b>Reliability and Lifetime Evaluation of Si and Wide Bandgap Power Devices and Packages</b> [SEM 6]	
	<b>Frede Blaabjerg, Francesco Iannuzzo, Huai Wang</b> , Aalborg University, DK	<b>Josef Lutz</b> , Chemnitz University of Technology, D	
3 p.m.- 6 p.m.	<b>Advances in Planar Magnetics for High Frequency Switched Mode Power Supply</b> [SEM 12]	<b>The Latest Developments in Magnetic Technologies to reach 99% Efficiency in Power Converters using GaN Semiconductor Devices</b> [SEM 11]	
	<b>Gerard Hurley</b> , National University of Ireland, IR <b>Ziwei Ouyang</b> , Technical University of Denmark, DK	<b>Ionel Dan Jitaru</b> , Rompower, USA	

## Wednesday, 12 May 2021

9 a.m.- 12 p.m.	<b>Device Design and Reliability of Fast-Switching Power Devices</b> [SEM 5]	<b>A New Design Approach for EMC and Faster Power Electronics - Basic</b> [SEM 2]	
	<b>Thomas Basler</b> , Chemnitz University of Technology, D	<b>Jacques Laeuffer</b> , Dtalents, F	
3 p.m.- 6 p.m.	<b>Model Predictive Control of Power Converters: Control Methods and Industrial Applications</b> [SEM 13]	<b>A New Design Approach for EMC and Faster Power Electronics - Advanced</b> [SEM 3]	
	<b>Tobias Geyer</b> , ABB Switzerland, CH <b>Ralph Kennel</b> , Technical University of Munich, D <b>Jose Rodriguez</b> , Universidad Andreas Bello, CO	<b>Jacques Laeuffer</b> , Dtalents, F	