

# EMC & CI 2026



Save the date

April 29 - May 1, 2026  
Oxford, UK



## Preliminary Detailed Programme (not including Training in Room 1)

**Wednesday 29<sup>th</sup> April**

### Room 2

#### Academic #1

##### Effect of Bulk Current Injection Clamp position on RF Coupling current

MD Anjarul Haque, Rajib Goswami, Kelin Jia  
Jaguar Land Rover, United Kingdom

##### Lightweight CNN for DC Series Arc Detection in Rail Applications

Jack Larkin, Danny Seeley, Paul Evans, Minglei You, Peter Christopher, Steve Greedy  
University of Nottingham, United Kingdom

#### Academic #2

##### Measurement of the Transfer Impedance of Textiles for Electromagnetic Shielding

Valencia Katherine<sup>(1)</sup>, Boulzazen Habib<sup>(1)</sup>, Ndagijmana Fabien<sup>(2)</sup>, Bechir Nizar<sup>(3)</sup>, Kadi Moncef<sup>(1)</sup>, Leron Xavier<sup>(3)</sup>

<sup>(1)</sup> ESIGELEC - IRSEEM, France

<sup>(2)</sup> Laboratory G2Ela - University of Grenoble, France

<sup>(3)</sup> Research and development - Tenneco, France

##### Novel Method for EMC Testing of Large Automotive Subsystems

Mayur Yeola, Abhijit Mulay  
Automotive Research Association of India (ARAI), India

##### Methodology to Estimate the Probability of a Radiated Field Level on an Embedded Automotive Component

Baptiste Hamard, T. Dubois, G. Duchamp, F. Guillemard, M. Klingler  
Stellantis, France

IMS - Université de Bordeaux, France

Klingler International Consulting Services, France

#### Academic #3

##### EMC at the Edge

Prof. Alistair Duffy  
De Montfort University, United Kingdom

## **Room 3**

### **Workshop #1**

#### **Modeling and Optimization of EMC in Electric Vehicle Power Electronics - Part 1**

Dr. Bibhu Prasad Nayak  
Graz University of Technology, Austria

### **Workshop #2**

#### **Modeling and Optimization of EMC in Electric Vehicle Power Electronics – Part 2**

Dr. Jan Hansen  
Graz University of Technology, Austria

### **Workshop #3**

#### **Emerging Trends in Automotive EMC and Antenna Testing**

Janet O'Neil  
ETS-Lindgren, USA

## **Thursday 30<sup>th</sup> April**

## **Room 2**

### **Academic #4**

#### **Electromagnetic Shielding - Principles and Reality**

Prof. Andy Marvin  
University of York, United Kingdom

### **Academic #5**

#### **EMC Antennas: origins, applications and design**

Dr. John Dawson  
University of York, United Kingdom

### **Academic #6**

#### **The challenges associated with the measurement of radiated fields from power system substations**

Prof. David Thomas  
University of Nottingham, United Kingdom

### **Academic #7**

#### **Computational Techniques in EMC**

Prof. Christos Christopoulos  
University of Nottingham, United Kingdom

## **Room 3**

### **Workshop #4**

#### **Science-based Power Supply Design – Part 1**

Dan Beeker  
System Solution Specialists, USA

### **Workshop #5**

#### **Science-based Power Supply Design – Part 2**

Dan Beeker  
System Solution Specialists, USA

### **Workshop #6**

#### **Science-based Power Supply Design – Part 3**

Dan Beeker  
System Solution Specialists, USA

### **Workshop #7**

## **Reverberation Chambers for EMC and Beyond**

#### **EMC Standards for Reverberation Chambers**

Martin Wiles  
MVG Industries Ltd, United Kingdom

#### **Introduction to Reverberation Chambers**

Prof. Yi Huang  
The University of Liverpool, United Kingdom

#### **Beyond Statistical Averaging: Signal Processing in Reverberation Chambers**

Prof. Alistair Duffy  
De Montfort University, United Kingdom

## **Friday 1<sup>st</sup> May**

## **Room 2**

### **Presentations #1**

#### **Co-Simulation Workflow between CST 3D and Schematic Design**

Dr. Abdulmajid Abdulmajid  
SIMUSERV, United Kingdom

#### **Oval Cable Cores**

Tamás Horváth  
Fair-Rite Products Corp., Germany

#### **Cyber Security RED, PSTI, CRA**

Alexander Toohie  
Element Materials Technology, United Kingdom

## **Presentations #2**

### **EMC issues in DC-output power electronics**

Arun Khilnani  
The University of Nottingham, United Kingdom

### **Tales and trends from the front line of EMC testing**

James Pawson  
Unit 3 Compliance Ltd, United Kingdom

### **Control Electronics Design for a Three-Phase Powered Medical Equipment**

Artsiom Shchatsko  
Artengi Ltd, United Kingdom

## **Workshop #8**

### **CE and CI Marking Legislation**

Dai Davis  
Percy Crow Davis & Co, United Kingdom

## **Presentations #3**

### **Grounding at System Level**

Dr. Marco Klingler  
Klingler International Consulting Services, France

### **FFT Techniques Explored and their Effects on Quasi Peak and Average Detectors**

Warwick Barnes  
Laplace Instruments Ltd, United Kingdom

## **Room 3**

### **Workshop #10**

#### **DC/DC Converter EMC Considerations**

James Pawson  
Unit 3 Compliance Ltd, United Kingdom

### **Workshop #11**

#### **Practical EMC Design for AC Mains Power Electronics and Motor Drives**

Dr. Min Zhang  
MACHone, United Kingdom

### **Workshop #12**

## **Military / Defence – Part 1**

#### **Transmitting Portable Electronic Device (TPED) Testing for Military Platforms**

Adrian Monk  
BAE Systems, United Kingdom

## **Challenges of high-level E-field testing**

Gavin Barber  
QinetiQ, United Kingdom

## **COTS in military equipment development**

Richard Hardy  
TUV SUD, United Kingdom

## **Workshop #13**

## **Military / Defence – Part 2**

Chris Nicholas  
Threysus, United Kingdom