

22-23  
MAY  
2024

# Conference Programme

Day 1 (22 May 2024)

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## Military EMC & Protection Methods

*Gavin Barber*  
*QinetiQ Ltd*



09:00 - 09:30

Reverberation chamber for military equipment testing

*Sam Patient - QinetiQ Ltd*

09:30 - 10:00

High power radio frequency directed energy weapons

*Dr Richard Hoad - QinetiQ Ltd*

10:00 - 10:30

RF shielding effectiveness measurements

*Richard Hardy - AQL Ltd*

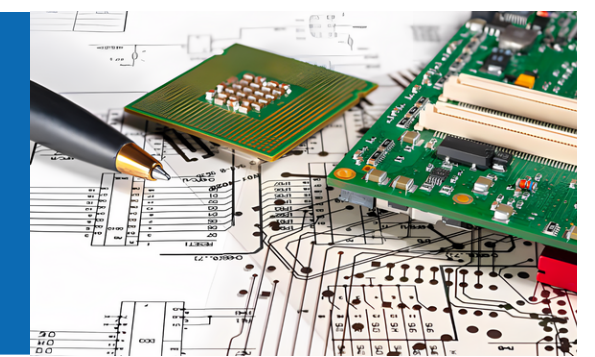
10:30 - 11:00

Coffee/Tea Break in **Exhibiton** Area

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## Design for EMC

*James Pawson*  
*Unit 3 Compliance*



11:00 - 11:30

Radiated emissions made easy

*Francesco Poderico - Neutronix Ltd*

11:30 - 12:00

EMC design considerations for ATEX (explosive atmosphere) environments

*Peter Rawlinson*

12:00 - 12:30

Practical EMC design considerations

*Mohamed AlAlami - Würth Electronics*

12:30 - 13:00

Lunch Break

13:00 - 13:45

Keynote speaker - New EMC regulations - **Holger Urban** from **Schaffner**

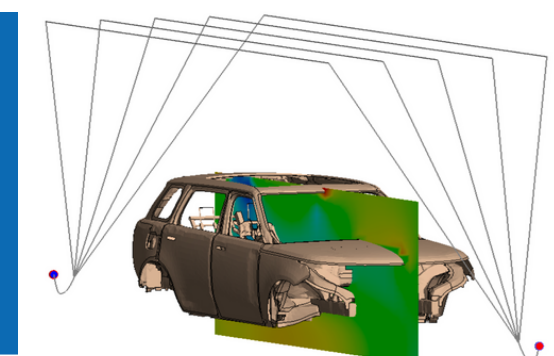
13:45 - 14:00

Demo & Hands-on

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## EMC Simulations

*Dr Tamara Monti*  
*Dassault Systèmes*



14:00 - 14:30

Vehicle RF filters - simulation and measurement

*Dr Chris Davenport - Jaguar Land Rover*

14:30 - 15:00

Echoes in a Biscuit Tin

*Dr Graham Robert - Leonardo*

15:00 - 15:30

Introduction to EMC Simulation

*Dr. Sajid Asif - DASSAULT SYSTEMES*

15:30 - 16:00

Coffee/Tea Break in **Exhibition** Area

16:00 - 18:00

Panel Discussion & EMC Question Time, with free drinks and snacks

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# Conference Programme

Day 2 (23 May 2024)

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## EMC Systems and Installations

*Prof. Ian Macdiarmid*



09:00 - 09:30

An investigation into low level swept current (llsc) testing on land vehicles

*Michael Airey*

09:30 - 10:00

Electromagnetic Challenges in Naval Platform Topside Design - A Prime Integrator's Perspective and Approach

*Jon Burbage - BAE systems*

10:00 - 10:30

Model-based engineering is not "no testing"

*Prof. Chris Jones - BAE Systems Air*

10:30 - 11:00

Coffee/Tea Break in **Exhibitor** Area

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## Practical Compliance

*Wil Corker*  
*bp pulse*



11:00 - 11:30

First time success

*Wil Corker - bp pulse*

11:30 - 12:00

Inside the accredited test lab

*Scott Liffen - BSI*

12:00 - 12:30

EMC reality - A compliance manager's guide

*Marc Hudson - Ransomes Jacobsen*

12:30 - 13:00

Lunch Break

13:00 - 13:45

Keynote speaker - EMC Testing Essentials - *James Pawson*

13:45 - 14:00

Demo & Hands-on

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## EMC for Emerging Power Systems

*Dr Oskari Leppäaho*  
*Danfoss Drives*



14:00 - 14:30

A technical review of EMI filters for electrification

*Dr Min Zhang - Mach One Design*

14:30 - 15:00

Common mode voltage management in electrification solutions

*Dr Oskari Leppäaho - Danfoss Drives*

15:00 - 15:30

Railway EMC and safety assurance

*Simon Price - Castle EMC*

15:30 - 16:00

Coffee/Tea Break with panel discussions

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