



C-PRAV PRESENTS

PRODUCT DESIGN & EMC COMPLIANCE WORKSHOP

The Journey of a Product through Design & Compliance

SPEAKER PROFILES

Indian EMC Fest

Week of the 31st August 2026 (31st Aug to 4th Sept)

KEITH ARMSTRONG



The Global EMC Guru from the UK

Keith = EMC

...The man who needs no introduction. Here's a brief for the fresh @ EMC

- Founder of Cherry Clough Consultants Ltd since 1990
- Fellow of IET and Senior Member of IEEE since 2010
- With thousands trained since 1994, Keith received the 2018 IEEE Award for Continuing EMC Engineering Education.
- The encyclopedia of EMC
- Author of 100s of books and materials on product design

Helping designers, manufacturers, system integrators, installers, operators and users deal quickly and cost-effectively with real-life EMI and compliance with EMC and Safety Directives. **All: Applications; Industries; Sizes/scales; Worldwide. SI, PI & EMC design techniques** have been very well-proven for 35+ years to *significantly* reduce design and development risk (time *and* cost); overall cost of manufacture; warranty costs and financial risks.

www.cherryclough.com/home



**Cherry Clough
Consultants Ltd, UK.**

Everything about
Keith and everything
about EMC @



PRAVEEN RAO



Connect with me
on LinkedIn!

Our local EMC Standards Testing and Global Approvals Specialist from Australia/India

With over 33 years of engineering experience, Praveen is a seasoned professional specializing in electrical/electronic product testing and certifications for global markets.

As an ISO/IEC 17025, NATA & IANZ Authorized Technical Assessor, and Chair of the Australian EMC National Standards Committee, he provides valuable advisory services for worldwide standards and regulations.

Praveen is a recognized representative in international standards committees such as IEC, CISPR, IEEE.

Praveen loves to talk Standards, Regulations, Testing & Certifications.

www.c-prav.com



CEO & Technical Director of C-PRAV Group

C-PRAV Group: Australia, New Zealand,
India, Canada, Singapore, France and
Malaysia



CLAUS ROMER ANDERSON

The Medical specialist from Denmark

As electrical engineer specialized in Design of medical device/system, standards IEC 60601-x, risk management ISO 14971, QMS ISO 13485, , MDR, FDA compliance. Founder of Romer consulting with 2 decades of expertise.

Job Experience

2017-	Rømer Consulting ApS
2023-	Advisory Board, OSAIA Health
2022-	Board member, Vital22
2020-	Advisory Board, SYNCSENSE
2017-	Advisory Board, Vulcur Medtech
2016-2017	FORCE Technology, Vice President, Product Compliance
2016-2016	LEO Pharma, Head of Product Management, Device & Packaging
2013-2016	LEO Pharma, Senior Manager, Medical Device & Primary Packaging
2011-2013	DELTA, Business Manager, Consultancy
2005-2011	DELTA, Team Manager, EMC & Wireless.
2004-2005	DELTA, Test specialist, EMC & Wireless
2003-2004	Military service

Design Control for Medical Devices
Advanced Risk Management for Medical Devices
Introduction to Risk Management for Medical Devices
Introduction to Medical Device Requirements Engineering
Introduction to the Medical Device Regulation (EU)
Lead Auditor, ISO 13485, BSI
Risk Management for Medical Devices, ISO 14971
ISO 13485:2016
Implementation of the MDR for CE marking
Design Control for Medical Devices
Board Assure – Board Certificate
Radio and EMC Regulatory Compliance
Influence, impact, leadership, empowerment
The new European regulatory landscape – MDR and IVDR
Enneagrammet Next Level
Holistic Leadership, Stendevad & Christensen
Leadership programme, Think About It
Mini MBA, Provana
GMP for managers
Enneagram Training
Leadership development program at DELTA
Medical Device Classification and Verification
Teamperformance and cooperation
TCBC Council February biannual workshops
Leadership development program at DELTA
DELTA's EMC report generator training
TILE/ICS EMC Software System
Electromagnetic Compatibility – Fundamentals of Design and Testing



Romer Consultancy Denmark

Specialized in Medical products design, standards, compliance and approvals

<http://roemerconsulting.dk/>

DR. MIN ZHANG



The EMC Doctor from UK

Dr. Min Zhang is an EMC consultant based in Oxford, UK. He received his PhD within Newcastle University's Electrical & Electronics Engineering department in 2013. His research was in novel power switching schemes to reduce EMI emissions, and his research papers have received many citations.

EMC trouble shooting, EMC design reviews, pre-compliance testing guide for products across all industries including Industrial consumer, medical etc.

Min is a great trainer and hence a well sought EMC engineer for all your design help. His many youtube videos talks on various EMC solutions and also how to setup your own low-cost pre-test facility inhouse. Here's an opportunity to meet him and get all your answers directly from the expert

<https://www.mach1design.co.uk/>



**Mach One Design
UK**

IEEE Member & an Associate of Cherry
Clough Consultants Ltd

ISTWAAN KNIJFF



The EMC & ESD Specialist from The Netherlands

As electrical engineer specialized in EMC & ESD, founder of CourseTec Consultancy to help companies with the aspects of EMC and ESD during product development.

Having worked in automotive electronics development for over 20 years, responsible for EMC and ESD, With increasing EMC and ESD challenges in modern electronics, has helped numerous companies to anticipate and prevent potential design problems. This reduces cost and delays by avoiding unnecessary re-designs, wrong material orders and failures during certification measurements.

EMC & ESD expertise in:

- Automotive product and system design, including EMC testing
- Machines and industrial environments
- Helped clients tackle complex EMC and ESD challenges
- Certified ANSI / ESDA TR53 ESD specialist by ESD Forum.
- Conducted ESD audits and assessments in production facilities across Europe and Asia.
- Worked with international EMC laboratories and automotive customers worldwide.

<https://www.coursetec.com/en/services/>

EMC Training & Education

- Developed EMC demonstration PCBs used in universities and training workshops.
- Founder of Coursetec, providing practical EMC and ESD training programs



**CourseTec Consultancy
Netherlands**

Electrical engineer specialized in
EMC & ESD

DR. Marco Klingler

EMC Simulation Specialist from France

Dr. Marco Klingler is a globally recognized EMC Expert and Consultant with over 35 years of experience in electromagnetic compatibility for the automotive industry. Formerly an EMC Expert at Stellantis (PSA Group) and researcher at INRETS, France, he specializes in EMC design, simulation, full vehicle validation, automotive powertrains, functional safety, advanced connectivity, and RF/antenna systems.

As the CEO of Klingler International Consulting Services and a long-time university lecturer, Dr. Klingler is dedicated to sharing his extensive industry expertise with engineers worldwide.

A passionate educator and university lecturer for more than three decades, he is widely known for translating complex EMC challenges into practical engineering solutions.

This workshop offers a unique opportunity to learn directly from one of the world's leading EMC professionals and gain insights drawn from decades of research, innovation, and real-world automotive product development.

<https://www.klinglerconsultants.ch/en/>



**Klingler International
Consulting, France**

Specialized in EMC modeling and
simulation



World-wide EMC services

EMC, RFI, EMI, TVI, EMR, E³, SI, PI, PQ, etc, DC - 56GHz

***Independent Consultants, Testers, Trainers,
Designers, Assessors, Reviewers***

Keith Armstrong
53 years in electronics
35 in EMC



Chris Nicholas
44 years in electronics
33 in EMC



Dr. Marco Klingler
42 years in electronics
36 in EMC



**254 years of real-world
EMC experience overall,
in all industries**

Patrick Andre
43 years in electronics
43 in EMC



Praveen Rao
37 years in electronics
33 in EMC



Andy Degraeve
20 years in electronics
14 in EMC



Dr. Min Zhang
20 years in electronics
15 in EMC



Rod Macpherson
35 years in electronics
35 in EMC



**Offices in: UK, France, USA,
Belgium, Australia, & India**

Over the course of one week, participants will engage in in-depth sessions covering following topics:

- Basic to advanced product design - all you need to know to develop a quality product
- PCB EMC Design Best Practices and for Product, System level and Installations
- EMC Simulation Philosophy and Workflow
- D-I-Y: Build your own pre-compliance capabilities for in-house Testing & solutions
- EMC Compliance of Industrial, Medical, Automotive & commercial products
- EMC solutions and trouble shooting methods
- Indian & Global EMC Standards, Regulations, Testing & Certifications
- Live Practical Demonstrations of EMC Design Solutions & Testing
- Bring ALL your design and compliance questions for 1-to-1 interaction with the cream of experts
- Display & Demo of State-of-the-Art Test Equipment and EMC solutions
- Networking Opportunities with Cross Sectoral Industry Experts



Who should attend:

This workshop is designed for Product manufacturers, Design Engineers, Specialists, Design house leaders, Product Development Managers, System Integrators, Installers, especially Start-ups, Design enthusiasts, Entrepreneurs, Compliance Engineers, Engineering Service providers, Product managers, Electronic component vendors, EMI/EMC filter and suppression component vendors, EMC pre-test equipment vendors, in-house lab engineers, Commercial and Defence Test Lab Engineers, Managers, Regulatory Specialists, Technology and Business Decision makers of Companies of Electronics/Electrical, Telecommunications, Medical, Defence, Automotive Industries.....and Educational Institutions nurturing young engineers in any of the above fields

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Interested to know more?

Contact us



Have Any Questions?

Contact Sachin Yadav

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