



**C-PRAV**

LABS & CERTIFICATIONS

**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](http://www.cherryclough.com/home)



**Founder of Cherry Clough  
Consultants Ltd.**

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](http://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



## **Founder of Romer Consultancy**

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/>



**Chief EMC Consultant  
at Mach One Design**

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



## **Founder of CourseTec Consultancy**

Electrical engineer specialized in  
EMC & ESD



# World-wide EMC services

EMC, RFI, EMI, TVI, EMR, E<sup>3</sup>, 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
- 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*

# India EMC Fest

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

**Interested to know more?**

**Contact us**

[CLICK Here for Registering your Interest!](#)



*Have Any Questions?*

**Contact Sachin Yadav**

**C-PRAV India**

**Bangalore**

✉ [sachin@c-prav.com](mailto:sachin@c-prav.com)

☎ +91 8310163120

**Contact Dishant Kumar**

**C-PRAV India**

**Delhi**

✉ [dishant@c-prav.com](mailto:dishant@c-prav.com)

☎ +91 9720166667