



BIOGRAPHIES

Up to date: 25 February 2020 v2

Phil Carter

17025 Assessments Ltd

Around 3500 Assessments of Test and Calibration laboratories for ISO/IEC 17025 and its predecessors over the last 25 years, probably one of the worlds most experienced Technical Assessors.

An excellent National and International reputation providing clear and unambiguous assessment with a strong technical focus across key areas.

Additional expertise in Product Certification and Inspection Covering ISO 17065 and ISO 17020 in the assessment of Notified Bodies for the EMC and RTTE (RED) Directives and in support of the International MRAs such as TCB and CAB for the USA FCC requirements and the ISED requirements for Canada. 40 plus assessments in this area.

Provided Technical Assessor Services to UKAS, SWEDAC, FINAS, RvA, INAB, Norwegian Accreditation, NATA and others.



Michael Derby

TCB, CB, Notified Body, Regulatory Reviewer at ACB (American Certification Body, Inc.)

Michael Derby is the senior regulatory review engineer and Director of ACB Europe; a certification body for the USA, Canada, Japan and Hong Kong; and a Notified Body for the RED and EMCD. ACB also provides compliance support, training and global market access. Michael has been with ACB since November 2007.

Michael is an active member of the REDCA (RED Compliance Association) and TCB Council; acting as the liaison between the two organisations. Michael is the secretary of the EMC Test Lab Association.

Michael is responsible for ACB's training activities, including webinars and seminar workshops; and he has written many technical guidance documents for the EU and FCC requirements. His past experience includes product development, testing and certification for manufacturers and test laboratories. Michael provides worldwide services to ACB's global customers from his office in the Hampshire area of the UK.





Ian MacDiarmid

Visiting Professor in Applied Electromagnetics at University of Liverpool, 35 years in aerospace electromagnetic engineering. The final twelve years as Head of Electromagnetics at BAE Systems

Ian worked at BAE Systems from April 1978, starting as an EMC Test Engineer, then becoming the Company Specialist in EMC in 1980. As the subject broadened to include Low Observability, Installed antenna performance and EW installed systems, Ian became a Company Consultant in Electromagnetics, ultimately becoming Head of Electromagnetics in 2002.

In 2007 Ian was appointed as a Company Engineering Fellow. Ian retired from BAE Systems, reluctantly, due to ill-health, in September 2013.

Ian has been actively involved with the IET for many years, including Chairman of three specialist groups over the years and continues to be a member of the TPN, also a regional PRA, Registration Assessor and Fellow Assessor and interviewer and referee for two journals.

Ian has been a Visiting Professor at the University of Liverpool, Department of Electronic Engineering since 2012.



Jonas Lannoo and Tim Claeys

**Faculty of Engineering Technology, Technology Cluster ESAT, Mechatronics Group (M-Group)
University of Leuven, Bruges Campus, Belgium**

- **Tim Claeys** received the M.S. degree in engineering technology, option electronics, from University College Katholieke Hogeschool Sint-Lieven Gent, Ghent, Belgium, in 2013. He received the PhD degree in engineering science, option electrical engineering from KU Leuven, Leuven, Belgium, in 2018.

Currently he works as a Post-doc performing research for the EMC for Emergent Wireless Systems (EEWISE) Cornet project, in the M-Group research group, KU Leuven Bruges Campus, Bruges, Belgium. He is also the Science and Technological Coordinator of the MSCA-ETN Pan European Training, research and education network on Electromagnetic Risk Management (PETER).

His main research interests are shielding effectiveness measurements, near-field scanning, dependability of wireless communications in the presence of EMI and electromagnetic risk management.

- **Jonas Lannoo** received the M.S. degree in engineering technology, electronics, from KU Leuven, Technology Campus Ostend, Ostend, Belgium, in 2016. He is currently working towards the Ph.D. degree in electrical engineering.



Since 2016, he has been a Research Assistant with the M-Group research group, KU Leuven Bruges Campus, Bruges, Belgium, which is a research group focusing on global dependability of mechatronic systems.

His research interests include electromagnetic compatibility, functional safety and electromagnetic interference on a system level, ageing of electrical components and systems, and power quality and vibration analysis in electrical machines.



Geraldine Salt

BSI Standards Development Manager for EMC, Energy, Oil, Gas,

Geraldine Salt is a Standards Development Manager at the British Standards Institution (BSI).

Part of Geraldine's role involves managing a number of national committees which are responsible for UK input to ISO/IEC Standards and CEN/CENELEC ENs.

The committees which Geraldine manages are mainly in the electrotechnical area and cover subjects including:

- Electromagnetic Compatibility (EMC);
- Safety of household and similar electrical appliances;
- Equipment and systems incorporating lasers and light emitting diodes;
- Electrotechnical technical policy

Geraldine has previously been Secretary to the international committee responsible for standards on Lighting and the European Committee responsible for standards on Automatic Controls for Household Use.





Geraldine is also Committee Manager to the BSI Committee responsible for industrial valves, steam traps, actuators and safety devices against excessive pressure.

James Pawson

EMC Problem Solver, Unit 3 Compliance

Unit 3 Compliance is a West Yorkshire test lab and consultancy specialising in EMC testing, troubleshooting/problem solving, pre-compliance and product design support.

James has 10+ years experience in EMC design, testing, fault finding and problem diagnosis and in running an EMC test laboratory. He finds his wide ranging electronics and product design background invaluable in coming up with innovative solutions to all manner of EMC problems.

His career has spanned several different disciplines including industrial LCD monitor design, SMPS design, microcontroller coding, environmental testing, thermal design and simulation, high speed digital design/test and project management.

Outside of work James is a keen board gamer, cyclist, runner and mountaineer and can often be found on the local hills, occasionally muddy.



Neil Bonter

CE & FCC Compliance Consultant (TCFs), Member of the REDCA

Neil Bonter has been an independent consultant running his own business for the past 12 years. Specialising in the Radio Equipment Directive, EMC and Safety for CE compliance with testing, documentation and assisting customers with their compliance. Many clients now require more extensive support into other world markets and TCFs assists with compliance into many other countries such as North America, Australia and many Asian countries.

For many years the manager of the regulatory and Notified Body department at RFI and a long standing member of the REDCA and supporter of SRCG. A wealth of experience has been gained from more than 40 years in the electronics industry, commercial control systems, military fire control and domestic sound and vision.





Charlie Blackham

Sulis Consultants Ltd

Charlie Blackham is the founder and Director of Sulis Consultants. He specialises in helping companies meet CE marking and other Product Approvals requirements worldwide from their offices in north-east Hampshire.

Charlie can perform or arrange test plans, testing and certification using his own expertise and a team of compliance partners. Charlie regularly performs the compliance testing and technical reviews, in addition to the compliance consultancy.

He is an active member of the REDCA (RED Compliance Association) and a UKAS accredited RED Notified Body Technical Expert.

His past experience includes compliance management for product manufacturers and technical reviews for a certification body and Notified Body for the RED and EMCD.

Charlie is a graduate in Electrical and Electronic Engineering, a Chartered Engineer and member of the IET.



Andy Degraeve

Cherry Clough Consultants Ltd

Andy Degraeve (IEEE Member) was born in Ghent, Belgium, on June 6, 1980. He received the M.S. degree in electronics and computer engineering from the KU Leuven, Technology Campus Ostend, Belgium, in 2014. In June 2014 he received a nomination for the best master thesis by the ie-net engineering association. From 2014 till 2018, he was a Research Assistant at the KU Leuven Campus Bruges, Research group ReMI, Reliability in Mechatronics & ICT (now called "M-Group" standing for "Mechatronics Group"). His main research interests included electromagnetic compatibility, immunity and functional safety in life or mission critical situations. In May 2018 he was a Technical Session chair at the joint IEEE EMC and APEMC symposium in Singapore, Singapore. From 2019 till 2020 he





was the Technical and Product Manager at Schlegel Electronic Materials, a member of eMei group, in Belgium, with a focus on shielding, absorbing and thermal management materials. From 2020, he is focussing on EMC education and diagnostics using low-cost test equipment, and joined Cherry Clough Consultants Ltd to provide independent expertise in good, cost-effective EMC design, worldwide.

Jeremy Smallwood

Electrostatic Solutions Ltd

Jeremy designed electronic instruments before completing his PhD in electrostatic discharge ignition studies.

In 1998 he formed Electrostatic Solutions Ltd, providing electrostatics consultancy, training and R&D services.

He works with British and IEC standards and was awarded the 2010 ESD Association Industry Pioneer Award and 2017 International Fellow Award at Electrostatics 2017.

