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The Industrial Control System Cyber Defence Triage Process

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Author Biography

Allan Cook is a PhD researcher at De Montfort University. He was awarded an MSc with Distinction in Computer Security at De Montfort in 2015, with his thesis focusing on the protection of Industrial Control Systems (ICS) from cyber attack. His current research continues in this field, developing methods to assess the risks to critical national infrastructure built upon ICS using synthetic environments, and defining ways in which ICS cyber incident responders can improve their effectiveness.

Prof. Helge Janicke is the Head of School of Computer Science and Informatics at De Montfort University, UK. Prof. Janicke was awarded his PhD in Computer Science in 2007 and worked on Cyber Security with organisations such as QinetiQ, Ministry of Defence and General Dynamics UK as part of the DIF-DTC consortium. His interests are covering formal verification techniques and their application to Cyber Security, SCADA and Industrial Control System Security as well as aspects of Cyber Warfare. He works closely with Airbus Group and established DMU's Airbus Group Centre of Excellence in SCADA Cyber Security and Forensics Research in 2013. He is a general chair of the International Symposium on SCADA and Industrial Control Systems Cyber Security Research (ICS-CSR) as well as serving on the editorial board and as reviewer of international journals.

Dr Richard Smith is a Senior Research Fellow at De Montfort University and leads the Cyber Security Centre. He has worked extensively with the European Space Agency and NASA, as both technical lead and prime for global international consortia. He has managed contracts worth over £2 million with teams comprising partners from both academia and industry, producing scientific results far exceeding original expectations which led to numerous CCNs to expand the remit of projects such as River & Lake, hosted by DMU on behalf of ESA. Richard has published over 40 papers in peer-reviewed publications and has presented at numerous international conferences to world experts.

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