

Full name Dr G. Keith Still FIMA FICPEM SFIIRSM FIPM FHEA MAE MEPS F.IRSM

Nationality British

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Summary

Keith teaches at Breda University of Applied Sciences (the Netherlands) through an online learning programme and at several universities across Europe. Keith has over 36 years of consulting experience across a range of international crowd safety, and has advised on crowd behaviour, crowd risks, and crowd safety considerations for events ranging from 500 to 3,000,000 people. He teaches the principles and applications of crowd safety around the world, from introductory courses through to master's degree programmes. One of his courses is mandatory training for all UK Public Event Commanders via the College of Policing. The same course is also mandatory training for the Indian Police via the Sardar Vallabhbhai Patel National Police Academy (Hyderabad, India).

Keith has developed several models and crowd simulations with a range of crowd behaviours with specific focus on crowd risk analysis and early identification of crowd problems in places of public assembly over the last three decades in the industry.

As an Expert Witness to over fifty international cases, Keith has experience in relating eyewitness accounts with extensive video footage to analyse how crowds behave in normal and emergency situations.

Qualifications

PhD (Crowd Dynamics) Interdisciplinary Mathematics from Warwick University (2000)
Fellow of the Institute of Mathematics and its applications FIMA (2007 -)
Visiting Professor of Crowd Science - Bucks New University (2010 - 2016)
Regular Visiting Speaker at the UK Cabinet Office Emergency Planning College (1999 - 2014)
Member of Mensa for over 45 years
Fellow of the Institute of Civil Protection and Emergency Management FICPEM (2012 -)
Specialist Fellow of the International Institute of Risk and Safety Management SFIIRSM (2014 -)
Professor of Crowd Science - Manchester Metropolitan University (2014 - 2020)
Member of the Expert Witness Institute MEWI (2015 - 2021)
Fellow of the Institute of Place Management FIPM (2015 -)
Visiting Professor of Crowd Science at the University of Suffolk (2019 - Jan 2026)
Fellow of the Higher Education Academy FHEA (2017 -)
Member of the Academy of Experts MAE (2021 -)
Member of the British Standards Institute (2026 -)
Member of the Emergency Planning Society MEPS (2026)
Fellow of the Institute of Strategic Risk Management F.IRSM (2026)

Professional Experience

Prof. Still has over 37 years of experience in crowd science. He works around the world advising on crowd safety and crowd risk analysis for major events. He has lectured at the UK Cabinet Office Emergency Planning College for over 15 years (1999-2014), and was a special advisor to the Ministry of Hajj (Saudi Arabia for 11 years). Keith has worked on Olympic events (Sydney, Beijing and London) and the Royal Wedding (UK 2011). Keith is currently the Visiting Professor of Crowd Science at the University of Suffolk, UK and teaches at Breda University of Applied Science (Minor in Crowd Safety programme – delivered online).

Training and courses

Developed and delivered modules for the UK Cabinet Office Emergency Planning College training programs for Crowd Risk Analysis, Crowd Management, Crowd Dynamics, Crowd Science and the crowd elements of Public Safety at Sports Grounds, Public Safety at Festivals and Mass Gatherings and Public Safety in the Complex and Built Environment. Developed and taught modules for a Foundation

Degree course and a BA (Honours) degree course at Bucks New University. Author of "Introduction to Crowd Science" crowd safety in the built and complex environment and "Applied Crowd Science" course outline, international applications, and case studies. Developed and taught a wide range of short courses on crowd safety and risk analysis worldwide. Developed the MSc in Crowd Safety and Risk Analysis at Manchester Metropolitan University. Developed and taught Public Event Commanders Courses (PECs) around the world. Note: The PEC's course is mandatory training for all UK Public Event Commanders and Sardar Vallabhbhai Patel National Police Academy (Hyderabad, India).

Expert witness cases

- (D) London, UK. Night club, overcrowding, report and court attendance
 - (P) London Underground, UK. Overcrowding, personal Injury, report and analysis
 - (E) Senate House Committee, USA. Capitol building evacuation, report and testimony
 - (P) New York State USA. Personal injury, report and analysis, court testimony
 - (D) Nottingham, UK. Crowd crush, fatalities, report and analysis
 - (P, J) Birmingham, UK. Crowd crush, personal injury, report and analysis
 - (E) Hillsborough Inquiry, UK. Mass fatalities, technical advisor, report and analysis
 - (E) Duisburg, Germany. Crowd crush, mass fatalities, report and analysis
 - (P) London, UK. Crowd crush, personal injury, report and analysis
 - (P) Chicago, USA. Crowd crush, personal injury, report and analysis, deposition
 - (D) Las Vegas, USA. Crowd incident, personal injury, report and analysis, deposition (17 cases)
 - (D) Memphis, USA. Crowded spaces, personal injury, report and analysis
 - (P) Scotland, UK. Crowd control, personal injury, report and analysis
 - (E) Durham, UK. Night club, fatality, report and analysis
 - (P, J) Victoria, Australia. Crowd crush, personal injury, report and analysis (Class Action)
 - (E) Florida, USA, crowded space, personal injury
 - (E) NI, UK, Fatalities, police report and analysis
 - (P) Florida, USA, crowd crush, personal injury (2 cases)
 - (P) Texas, USA, crowd crush, fatalities (12 cases)
 - (P) Northern Ireland, personal injury. Expert Report
 - (D) Israel, Mass fatalities, Expert Report
 - (D) London, UK. Fatalities
 - (P) Houston, Nightclub Injury, Expert Report
 - (P) Houston, Arena Injury, Expert Report
 - (R) Sydney Train Action - New Year Event
 - (R) Houston, Arena (personal injury)
 - (R) Manchester (personal injury)
 - (R) England (personal injury)
- (D) Defence/Defendant, (P) Prosecution/Plaintiff, (E) Expert advisor, (J) Joint expert report

Project Experience

Sports Events: Sydney Olympics, Beijing Olympic Stadium, London Olympics, Twickenham (UK), Swedbank Arena Project (Sweden), Commonwealth Games (UK), Millennium Stadium (UK), Wembley Stadium (UK), Football Licensing Authority Concourses (UK), Hong Kong Jockey Club, Premier League Persistent Standing (modelling project), Penn State (USA), Everton Fan Zone (UK), Etihad - Manchester City Stadium (UK), Beşiktaş - Vodafone Arena (Turkey), Liverpool Stadium, Murrayfield (Scotland), Hillsborough (Sheffield) – Prohibition notice

Religious Festivals: Jamarat Bridge, Saudi Arabia (2000 - 2005), Al-Haram, Saudi Arabia (2008 - 2011), Al Mashaaer Al Mugaddassah Metro Project bid Saudi Arabia, Diwali (Leicester), Makkah developments (Saudi – ongoing)

Major Events: Royal Wedding 2011, MCFC and MUFC Victory Parades (Manchester, UK), Leicester Caribbean Carnival, Glastonbury Music Festival (UK), Hampton Court Flower Show, Great Manchester Run, London New Year Event, Aberdeen Hogmanay, Mathew Street Festival (Liverpool)
Gerrard Street Leg of the Olympic Torch Relay London Gold Standard Modelling, London Olympics, Penn Stadium (Nebraska v Penn State, USA), Lincoln Christmas Market, Birmingham Christmas Market, Kendal Torchlight Parade, T in the Park (Scotland), Canada Day (Ottawa), Dubai New Year (2017/18), Ottawa (Canada Day 2022)

City Centre and Retail: Paradise Street Development Area (Liverpool, UK), Jabal Omar Development (Makkah - Saudi Arabia), Al Mashaaer Al Mugaddassah Metro Project bid Saudi Arabia (2008), West Kowloon Cultural District Bid, Covent Garden Ticket Hall Retail Analysis, Westfield, Olympic Park (London), SXSW (Austin, Texas, USA), Lincoln Christmas Market (UK), Birmingham Christmas Market (UK), Kendal Torchlight Parade (UK), Manchester Arena (UK), EMAAR (Dubai Mall, UAE), Royal Festival Hall (London), Canada Day (Ottawa), Dubai New Year (2017/18)

Festivals and Street Events: Glastonbury Festival (UK), Chelsea Flower Show (UK), Hampton Court Flower Show (UK), Great Manchester Run (UK), Lincoln Christmas Market (2005/2006), London New Year Event (2006, 2007, 2008), Aberdeen Hogmanay – New Year Event (2007), Mathew Street Festival (Liverpool), Lewes Fireworks (Nov 5th), Aberdeen Fireworks (Nov 5th), Gerrard Street Leg of the Olympic Torch Relay London Gold Standard Modelling (Beijing Torch Relay), Royal Parks (London), SXSW (Austin, Texas, USA), T in the Park (UK), Kendal Torchlight Parade (UK), Royal Festival Hall (London), Canada day (Ottawa), Protest March (Manchester - police planning), Dubai New Year (2017/18), Hackney Caribbean Festival (2019), Kirkby Lonsdale, Christmas Parade (2019)

Rail: Cubic Transportation Ltd, Easingwold training courses (London Underground Limited, British Transport Police), London Olympic 2012 bid, Dwell Modelling - Alstom, Porterbrook, Bombardier, Interfleet, Wembley Complex Station (Marshalling Study), Chesterfield Railway Station, Covent Garden Ticket Hall Retail Analysis, Westfield (Olympics Gateway), Dubai Mall (New Year Events), Toronto, Canada (2019, 2022, 2023 - Metrolinx), Makkah developments (Saudi 2024-2026)

Leisure: Kuala Lumpur Conference Centre Aquarium, Cleethorpes Outdoor Arena Development, Manchester Museum, NAA (National Arenas Association), Liverpool Arena and Conference Centre, Premier League (UK Football) - Safety in Stands (Modelling project), Royal Parks (London), Manchester Arena, Royal Festival Hall (London), Dubai New Year (2017/18), London event licence (2019)

Evacuation: Canary Wharf (London Financial District 2003), Chelsea Flower Show, Labour Party Conferences, Amsterdam Police, Barclays Bank, Manchester Sport City, Swedbank Arena Concourses, AWE Aldermaston (Public Enquiry), Bluewater shopping mall, Westfield (Olympics gateway), Kendal Torchlight Parade, Manchester Arena, Beşiktaş - Vodafone Arena (turkey), Dubai New Year (2017/18)

Publications:

- Still G. K. New Computer system can predict human behaviour response to building fires. Fire 84 (January 1993), 40-41
- Still G. K. Towering Inferno New Scientist (Supplement April 1993).
- Still G. K. New Insights into Crowd Behaviour - It's Fractal. Focus November (1994).
- Still G. K. Simulating Egress using Virtual Reality - a perspective view of simulation and design. IMAS Fire Safety on Ships symposium (May 1994).
- Still G. K. The Secret Life of crowds. Focus (June 1996)
- Still G. K. Last word, mind the gap. New Scientist (March 20th 1999).
- Reynolds, L. Fielden, I, Still, G. K, Stewart, I. "Wirequakes - a question of seismology" with Len Reynolds and Ian Stewart - a paper comparing earth and wire quakes (Wire Industry, December 1999).
- Still G. K. Crowd Dynamics. PhD Thesis, Mathematics department, Warwick University. (August 2000)
- Still G. K. Optimising Office Egress. Web based publication (Sept 2001)
- Still G. K. "Agincourt" Chapter in book "Battlefield Detectives" ISBN 0-233-05083-3
- Still G. K. "Review of Pedestrian and Evacuation Simulation" Critical Infrastructures 2007
- Still G. K. "The Biomechanics of Fatal Compression Asphyxia" Journal of Forensic Science (submitted)
- Still G. K. "Following the crowd" article for the 50th Edition of Mathematics Today
- Still G. K. "Introduction to Crowd Science" Taylor Francis (book)
- Kroll, Still, Neuman, Graham and Griffin "Acute forces required for fatal compression asphyxia: A biomechanical model and historical comparisons" Medicine, Science and the Law. April 2017
- Still, Impact – Journal of Operations Research, "Crowd science and crowd counting," March 2019
- Still, Papalexi "Place crowd safety, crowd science? Case studies and application" Journal of Place Management and Development Emerald Publishing Limited 1753-8335 DOI <https://www.emerald.com/insight/content/doi/10.1108/JPM-D-10-2019-0090/full/html>, 2019
- The Safe Management of Persistent Standing in Seated Areas at Football Stadia. Final report for the SGSA by CFE Research With Professor Geoff Pearson and Professor Keith Still 2021 <https://sgsa.org.uk/wp-content/uploads/2021/06/The-management-of-persistent-standing-Final-report.pdf>
- Still G. K. "Applied Crowd Science" (2021). Taylor Francis
- Still G. K. Routledge Handbook of Sport Security - Chapter 7 Managing Large Crowds: The Application of Science, Tools, and Applied Strategies. <https://www.routledge.com/Routledge-Handbook-of-Sport-Security/Hall/p/book/9781032641232>
- Still G. K Jan/Feb 2026 Article - Institute of Licensing - Link
- Still G. K Jan/Feb 2026 Article - The Crowd Magazine
- Still G. K Jan 2026 Govt White Paper - AI and Mass Communications <https://nationalpreparednesscommission.uk/publications/britains-emergency-communication-problem-why-alarm-bells-no-longer-suffice/>
- Still G. K Jan 2026 Risk Society Article - Public Safety and Mass Communications <https://www.risk-society.com/societal-risk-public-value-and-the-information-challenge-how-effective-communication-with-the-crowd-is-used-in-the-uk/>