OPENING REMARKS

SPEAKER: PETER BARRETT FRAeS, CONFERENCE CHAIRMAN, SECRETARY, RAES FLIGHT CREW TRAINING GROUP, UK

Biography: After qualifying as a glider pilot aged 16 and a private pilot aged 17, Peter Barrett undertook research at the Royal Aircraft Establishment, before joining the Royal Air Force as a pilot. He retired in 2008, having flown 22 different aircraft types as a line pilot, instructor, examiner and squadron commander, with consistent ratings of ‘Exceptional’. Peter spent the second half of his career in the Ministry of Defence developing operational requirements, leading studies, managing projects and in appointments in the Inspectorate of Flight Safety and strategic policy and plans. He was elected Fellow of the Royal Aeronautical Society in 1993, appointed to the Order of the British Empire in 1995 and awarded the Sir Robert Hardingham Presidential Sword in 2012 by the President of the Royal Aeronautical Society for outstanding service to the Society. Peter served on the Royal Aeronautical Society’s Learned Society Board between 2006 and 2016 and, from 2011 until 2016, chaired the Society’s Events Committee. Also between 2011 and 2016, Peter was the Executive Chairman of the International Pilot Training Consortium.

In 2018, Peter became Secretary to the Society’s Flight Crew Training Working Group Committee; an appointment he still holds. Much of Peter’s time is spent working with Gloucester Cathedral and with disadvantaged, homeless and vulnerable people in Gloucester. Peter enjoys long-distance hill-walking, gardening and time with his grandchildren.

PROFESSOR JONATHAN COOPER FRAeS, PRESIDENT, ROYAL AERONAUTICAL SOCIETY, UK

Biography: Jonathan Cooper is the Airbus Royal Academy of Engineering, Sir George White Professor of Aerospace Engineering at the University of Bristol. He was educated at Cheltenham Bournside School, and then obtained a BSc in Engineering Mathematics and a PhD in Aeronautical Engineering from Queen Mary College, University of London. He worked as a Senior Research Fellow at the Royal Aerospace Establishment, Farnborough, for three years before joining the University of Manchester in October 1989 as a ‘new-blood’ lecturer. Prof. Cooper spent 18 years there, becoming the last Head of School of the Manchester School of Engineering. Following a brief spell as Professor of Aerostructures and Aeroelasticity at the University of Liverpool, in February 2012 Prof. Cooper moved to the Airbus sponsored Sir George White Chair in Aerospace Engineering at the University of Bristol and was awarded a Royal Academy of Engineering Research Chair in 2013.

Prof. Cooper has an international reputation in the fields of aeroelasticity, loads and structural dynamics, has published over 400 technical papers in journals and conferences, and is the co-author of the Wiley text book “Introduction to Aircraft Aeroelasticity and Loads”. Over the past 30 years he has worked closely with industry to develop solutions that enable aircraft designs to be more fuel efficient and environmentally friendly through exploitation of the interactions between the airflow and aircraft structures.

Jonathan Cooper has been involved in a wide range of RAeS activities. He was elected to the RAeS Council in 2013 and has been chair of the Professional Standards Board, a member of the Structures & Materials and Corporate Accreditation Committees and an Associate Editor of the Aeronautical Journal. He has also been a committee member of the Manchester and Bristol Branches. Prof. Cooper is a Fellow of the RAeS, a Fellow of the American Institute of Aeronautical and Astronautics (AIAA) and has been a Chartered Engineer for over 25 years. He is President of the RAeS for 2019 – 2020.

KEYNOTE ADDRESSES

STEPHEN CREAMER FRAeS, DIRECTOR, AIR NAVIGATION BUREAU, INTERNATIONAL CIVIL AVIATION ORGANIZATION, CANADA

Biography: Steve Creamer has served as Director of the Air Navigation Bureau at ICAO since April 2015. Steve previously held a number of executive and managerial positions at the U.S. Federal Aviation Administration with over 33 years’ experience in the Air Traffic and International Aviation organisations. They include serving as FAA Regional Office Director for Europe, Africa and the Middle East; and serving as a member of the ICAO Air Navigation Commission.

Steve began his career in air traffic operations, eventually managing all Alaskan and North Pacific airspace, pioneering new airspace use techniques that improved capacity and access for all operators. More recently his work has broadened to the international implementation of procedures
and technology systems that improve aviation safety, with a careful eye toward retaining capacity and efficiency.

CAPTAIN HARRY NELSON FRAeS, SENIOR CONSULTANT & DIRECTOR, CL MAX CONSULTING, UK

Biography: Harry Nelson is currently in his 4th career element. A 12 year military career that included being a straight through flight instructor and the youngest nuclear bomber Captain aged 23, ended at the Blind Landing Experimental Unit as the resident Test Pilot. A second career with BAe started in Saudi Arabia where he became Head of Flight Standards of the King Faisal Air Academy and then went on to work at AVRO’s Woodford factory near Manchester where he acted as Deputy Chief Test Pilot and the ATP and Nimrod project pilot before being promoted to the board to run Programmes and later Manufacturing and finally Quality.

In 2000 he joined Airbus in Hamburg but quickly became the Deputy Head of Flight Test, flying all Airbus types. During that period he led the Flight Operations efforts to create an Airbus Final Assembly plant in Tianjin China. This highly successful project was completed from green field site to first flight in under 3 years. Having studied flying in 2012, he acted as the Operational Advisor to the Head of Safety before finally retiring to run his own safety related consultancy.

SESSION ONE

CAPTAIN HUGH WEBBON FRAeS, COMPANY DIRECTOR, THE LOSA COLLABORATIVE & LOSA GLOBAL SERVICES, UK

Biography: Captain Hugh Webbon has a 40-year career with British Airways and Singapore Airlines. He has served 13 years with The LOSA Collaborative running Safety audit projects for worldwide airline clients and is a data analyst for safety data.

1) CAPTAIN TORBJÖRN WISCHER, GLOBAL LEADER TRAINING SOLUTIONS, CAE, CANADA

Biography: Torbjörn Wischer as Head of Training for Civil Aviation, has more than 25 years’ experience in aviation training. He started his career as a Scandinavian Airlines System (SAS) pilot in 1987 and was promoted as commander in 1996. He has held several positions within SAS, including Project Manager, Chief Flight Instructor and Deputy Head of Training. In 2008, Mr. Wischer joined Oxford Aviation Academy as Head of Training and following the acquisition of Oxford Aviation Academy by CAE in 2012, he was appointed Training Leader, Commercial Aviation Training for Europe and Africa for the EASA Commercial Aviation Training Organization (ATO). Mr. Wischer holds a Bachelor in Business Administration and Economics from Stockholm University, and a Diploma in Air Transport Management.

2) CAPTAIN STEFAN T. SCHMIDT, HEAD OF REGULATORY AFFAIRS CREW TRAINING, LUFTHANSA GROUP, GERMANY

Biography: Capt. Stefan Thilo Schmidt is Head of Regulatory Affairs Crew Training for the Lufthansa Group. Being with Lufthansa for more than 30 years, he has held numerous administrative positions in several of the group’s airlines, including NP flight ops. and deputy NP crew training. Stefan is also the current Chairman of IATA’s Pilot Training Task Force, as well as a member of the Flight Crew Training Group Committee with the RAeS. Currently rated TRE on the A380, he still enjoys instructing cadets on sailplanes.

3) PETER MAYES, LEARNING & DEVELOPMENT SPECIALIST, PETER J MAYES - STUDIO, UK

Biography: Peter Mayes has been a learning development practitioner for over 25 years. He has a particular interest in experiential learning and the use of accelerated learning techniques. With a background in business analysis he brought this discipline to bear in examining competence frameworks. In 2017 he took a new approach to UAV instruction and created a context-based activity centred programme significantly removed from that which he had undertaken in 2014.

4) CAPTAIN MIGUEL MARIN, CHIEF, OPERATIONAL SAFETY SECTION, AIR NAVIGATION BUREAU, INTERNATIONAL CIVIL AVIATION ORGANIZATION, CANADA

Biography: Miguel Marin graduated from Nathaniel Hawthorne College with a degree in Aviation Administration and has logged over 12,000 hours. He flew for Mexicana Airlines out of Mexico City for over 24 years flying B-727s, DC-8s and the Airbus 320 family of airplanes. During his aviation flying career he held various management jobs with the airline in the Flight Operations and Flight Safety departments. Additionally he was a volunteer for IFALPA where he chaired the air traffic services committee. Miguel joined the International Civil Aviation Organization in November of 2009 and has served the organisation in various capacities during his nine-year tenure. He is currently Chief of the Operational Safety Section which is responsible for the development of Standards, Recommended Practices, Procedures and guidance material related to the operation, certification and airworthiness of aircraft including, the licensing and training of personnel.

SESSION TWO

CAPTAIN DAVID OWENS FRAeS, CHAIRMAN, RAeS FLIGHT CREW TRAINING GROUP, UK

Biography: David is Global Head of Standards for CAE, former Senior Director of Training Policy for Airbus, responsible for defining the OEM’s global training policy and strategy. His work includes rule making tasks at EASA. He is current on the A320, A330 and A380 family of aircraft with more than 5,000 hours in command and around 3,000
on Boeing aircraft. David is a TRI/TRE on the A320 and A330 family and formally on the B737 series. His career as an airline pilot now passes 25 years including bmi British Midland as Airbus Training Manager and Chief Training Captain, easyJet. David also holds a Master’s degree from the College of Aeronautics, Cranfield and is a Fellow of the Royal Aeronautical Society. David became the Chairman of the Flight Crew Training Group in May 2019.

CAPTAIN PHILIP ADRIAN FRAeS
Biography: Captain Philip Adrian is the Chief Executive Officer for MPS, the leading Fixed Base Simulator manufacturer for A-320 and B-737 series. He leads 2 factories, one in the Netherlands and one in Germany, and an innovation team in the Netherlands. MPS partners with airlines, training organisations, OEMs and TDMs to provide tailored and innovative solutions for all training needs. He is considered a Subject Matter Expert on Operational Suitability and Training, EBT/CBT, UPRT and world-wide operational regulatory affairs, and speaks on these issues regularly at multiple forums.

Philip holds 737, 777 and 787 Type Ratings, and has instructed on all those types. In his career, Philip has operated, flight tested and instructed for over 13,000 flight hours.

CAPTAIN CLIVE RICHARDSON FRAeS
Biography: Experienced TRI/TRE/SE and holder of training management roles with major airlines, including Virgin Atlantic and Thomas Cook. Currently managing flight crew training and standards and pilot performance matters for the UK CAA.

SESSION THREE

THOMAS LEOFF FRAeS, MANAGER TRAINING STANDARDS, LUFTHANSA AVIATION TRAINING, GERMANY
Biography: Thomas Leoff is the Chair of the International Association of Aviation Personnel Schools (IAAPS) and Manager Training Standards within Lufthansa Aviation Training. He has been in the aviation training business since 1991 and is a recognised expert in day-to-day practical training management as well as in the field of developing the future training environment. Thomas has been a Fellow of the Royal Aeronautical Society since 2014.

Thomas is a member of the EASA’s Stakeholder Advisory Board (SAB) and in this function an industry observer in the EASA Management Board’s PAR group (Programming and Resources Advisory Group).

Thomas is the chair of EASA’s Flight Standards Technical Committee (FS.TEC) and a member of the Aircrew Training Policy Group (ATPG), an FS.TEC sub-group. He is also a member of EASA’s Commercial Aeroplane Safety Committee (CAS.COM).

He was the Chair of EASA’s RMT.0595 “Technical review of theoretical knowledge syllabi, learning objectives, and examination procedures for the Air Transport Pilot Licence (ATPL), Multi-crew Pilot Licence (MPL), Commercial Pilot Licence (CPL), and Instrument Rating (IR)”.

5) DR ANDY TAYLOR AMRAeS, UNIVERSITY TEACHER IN AIR TRANSPORT MANAGEMENT, LOUGHBOROUGH UNIVERSITY, UK
Biography: Dr Andy Taylor commenced pilot training in 1996, but after completing his ATPLs and getting close to the CPL skills test, financial struggles forced him to return to his role as cabin crew in 1997. After five years as cabin crew and five more on the ground at Heathrow Airport, Andy gained a First-Class (Hons) Degree in Aviation Technology with Pilot Studies, as well as his PPL from the University of Leeds. Following a brief foray into retail management, Andy returned to Leeds in 2009 to undertake his PhD, looking at accidents involving General Aviation aircraft in the UK; he completed his Viva in July 2015.

During his write-up, Andy secured employment as a Senior Lecturer in Aviation with Bucks New University in 2013, teaching and mentoring future pilots through their Air Transport with Commercial Pilot Training degree. In 2016, Andy moved on to the University of South Wales to manage their new flight training and aviation engineering programmes, but redundancy led him to teach Aviation and Airport Management at the University of Bedfordshire in January 2018. Recently, Andy’s research interests include fatigue, pilot mental health and pilot training. As an academic, Andy has presented at conferences for The Royal Aeronautical Society, The International Society of Air Safety Investigators, The European Association of Aviation Psychologists, and The Chartered Institute of Ergonomics and Human Factors. Additionally, he has given presentations at careers days for Virgin Atlantic, Pilot Careers Live and the CPL skills test, financial struggles forced him to return on behalf of the Honourable Company of Air Pilots for the Livery Schools Link platform. Most recently, he presented at The European Airline Training Symposium in Berlin (2017) and Madrid (2018). Andy joined Loughborough University (University of the Year 2019) on 1st September as a University Teacher in Air Transport Management.

6) GEORGE WEBBON, FIRST OFFICER, BRITISH AIRWAYS, UK
Biography: George recently completed his integrated ATPL course where he spent 2 years training to become a first officer.

7) JAKE HANNABUSS, SENIOR FIRST OFFICER, TUI AIRWAYS, UK
Biography: Jake Hannabuss is a Senior First Officer, flying the Boeing 737-800 for TUI. After almost sixteen years working in the aviation industry, in a multitude of roles, his passion is still as strong as ever. This passion for flight and aviation opened up a multitude of opportunities, and alongside his flying role, Jake trains and recruits prospective
airline pilots, across Europe and the world. Jake is a firm believer that the delivery of modern, dynamic, thorough and comprehensive training, tailored to the individual cannot be underestimated, and the increase in the technical application required in-flight training increase this need.

8) PHILIP TARRY, DIRECTOR, HALO DRONES, UK 
Biography: Son of former British Airways pilot, Philip is currently training for his Private Pilot License. He qualified as a commercial drone pilot in 2013 and has completed commercial drone projects in locations as diverse as Greenland and Morocco. As the Co-Founder and first officially appointed Chairman of ARPAS -UK (Association of Remotely Piloted Aircraft Systems), Philip was instrumental in building a voice for the drone sector at a critical time. In 2015 Philip received an award for this contribution by the Royal Aeronautical Society. Having worked as an instructor and assessor for four different drone training schools, he recognised the rapidly emerging sector represented a rare opportunity to improve on traditional training methods with little in way of existing commercial constraints and raised investment to put this aspiration into action. Philip is a recognised thought leader and is continually developing his growing business, HALO Drones.

9) CAPTAIN YANN RENIER FRAeS, HEAD OF TRAINING & LICENSING, INTERNATIONAL AIR TRAINING STANDARDS, CANADA 
Biography: Captain Renier is Head of Training & Licensing within the Safety and Flight Operations division at IATA’s Headquarters in Montreal. He is also the secretary of the IATA Pilot Training Task Force and consequently is in charge of several major training initiatives including the Aviation Skill Shortage mitigation measures definition, the Competency-Based Training and Assessment (CBTA) implementation support and the Evidence-Based Training (EBT) data report update. Those projects imply Captain Renier’s active contribution to ICAO and EASA new pilot standards design. Captain Renier joined IATA in June 2016 after 26 years of commercial air carrier experience, which included both domestic and international operations. Over these 26 years he has held various positions, among which Chief Pilot Compliance and Regulatory Affairs, Flight Standard Management Pilot, Line Training Captain, and Type Rating Instructor & Examiner. Captain Renier is married and father to three children.

SESSION FOUR

CAPTAIN ANDY O’SHEA FRAeS, CHAIRMAN, AIRCREW TRAINING POLICY GROUP (ATPG), EU 
Biography: Andy served in the Irish Air Corps and UNIFIL between 1976 and 1992. He joined Ryanair and flew BAC 1 11 and B737s. Between 2002 and 2019 was the HT and NPCT of the largest airline in Europe. He is now developing a network of partners and specialists who are interested in promoting high standards of training and safety.

CAPTAIN JENS FROST, CEO, CENTER AIR PILOT ACADEMY, DENMARK
Biography: Captain Frost has been working with training of AB-initio pilots, integrated ATP and MPL where training airline ready pilots has been my main focus. As a member of the ATPG, he has had the opportunity to develop the APS MCC which was a highly needed update of the 20 years old MCC prototype.

CAPTAIN JOANNA HJÄLMÅS, ACADEMY DIRECTOR, L3HARRIS, UK 
Biography: Joanna is Director of the UK Academy for L3HARRIS and oversees flight training activity at the Bournemouth and Cranfield Training Centres. Before joining L3HARRIS (previously CTC Aviation), she flew both single and multi pilot aircraft for medivac, cargo, aerial survey and passenger operations.

ANNA MCGRADY, FIRST OFFICER, BRITISH AIRWAYS, UK 
Biography: Anna completed her initial training through CTC Aviation (now L3HARRIS) during which she was one of the first students on the BSc Professional Aviation Pilot Practice degree. Following her training, she joined easyJet and spent three years flying from London Gatwick as a First Officer. In September 2018 she joined British Airways where she continues to fly the A320 based at London Heathrow.

CAPTAIN ANDY MITCHELL FRAeS, CEO, USE BEFORE FLIGHT, UK 
Biography: Andy is CEO of Use Before Flight; a technology company specialising in supporting airline implementations of best-practice EBT/ABLE/CBTA through next-generation software solutions. He is a member of the IATA EBT Core Group, advisor to the IATA PTTF and contributor to both EASA RMT.0599 and the EASA Aviation Blended Learning Environment (ABLE) concept paper. Also a TRI on the Airbus A320 with over 10,000 hours on type, he lives in Madrid with his wife and twin 8-year-old daughters. In his spare time he likes to fly aircraft that don’t have autopilots or nose-wheels.

SESSION FIVE

MARK DRANSFIELD FRAeS, FSTD REGULATORY CONSULTANT, UK 
Biography: Mr. Dransfield recently became an independent Flight Simulation Training Device (FSTD) regulatory consultant, based out of the UK, specialising in the evaluation and qualification of FSTDs in accordance with the latest regulatory frameworks around the work. As such, he is involved in various industry rule-making activities within the regulatory agencies concerned with flight crew training. Previously as Director Regulatory Affairs for TRU Simulation & Training in March 2016 following the acquisition by Textron of the ETOPS group of companies that he took over in October 2013 as CEO and group managing director responsible for its activities in FSTD customer support, qualification and validation services as well as running ETOPS European and Malaysian TRTO for A320, B737 and
Mark is a registered Chartered Engineer, Fellow of the Royal Aeronautical Society and past Chairman of the RAeS Flight Simulation Group Committee for 2011 - 2013. As part of his work for the RAeS he has also co-chaired the International Working Group responsible for the update of the current ICAO 9625 Edition 3 Manual of Criteria for the Qualification of FSTDs. Mr. Dransfield holds a BSc (Hons) degree in Aeronautical Engineering from Queen Mary College, London University, United Kingdom.

10) BARBARA ADAMS, TRAINING & SIMULATION GROUP, FEDERAL AVIATION ADMINISTRATION, USA
Biography: Barbara Adams is in the Training and Simulation Group within the Air Transportation Division of the U.S. FAA. She is the FAA’s primary point of contact for regulatory and policy questions concerning the multiengine airplane airline transport pilot (ATP) certificate. She is involved in numerous rulemaking projects and has served as a subject matter expert for industry on several committees, the ICAO CBTA Task Force, and the Airmen Certification Standards Workgroup. She holds a Bachelor’s degree in Aviation Management and a Master’s degree in Aviation from the University of North Dakota. Prior to joining the FAA, she was a line pilot for a regional airline and worked for an aviation advocacy organisation.

11) ALLAN SMITH, UK CIVIL AVIATION AUTHORITY, SECONDED NATIONAL EXPERT, EUROPEAN AVIATION SAFETY AGENCY, EU
Biography: UK CAA Licensing Standards and Approved Training Organisation’s (ATO) Inspector Allan Smith is presently the UK’s Seconded National Expert (SNE) with EASA’s Strategy and Safety Management Directorate’s International Co-operation Department assisting with the project to overhaul, enlarge, and refresh the European Central Question Bank (ECQB) used in the Theoretical Knowledge examinations for professional pilots. As a senior aviation regulator, experienced theoretical knowledge instructor, and commercial pilot, he has both delivered and regulated ab initio pilot training and was closely involved with the development of the new syllabus, which includes Area 100 KSA, and learning objectives, for the professional pilot theoretical knowledge training courses.

12) FRANCES CONDRON, ACTING TECHNICAL TRAINING & ECQB SECTION MANAGER, EUROPEAN UNION AVIATION SAFETY AGENCY, GERMANY
Biography: Frances Condron is the Acting Section Manager Technical Training & European Central Question Bank. She joined EASA in 2010, and currently manages the teams responsible for technical training services and for maintaining the theoretical knowledge question bank in support of professional pilot licences and instrument ratings. Prior to joining EASA, she worked at Oxford University as a learning technologist, carrying out research and managing projects on the use of new media to improve teaching and its administration within universities.

OPENING REMARKS

PETER BARRETT FRaeS, CONFERENCE CHAIRMAN, SECRETARY, RAeS FLIGHT CREW TRAINING GROUP, UK
Biography: After qualifying as a glider pilot aged 16 and a private pilot aged 17, Peter Barrett undertook research at the Royal Aircraft Establishment, before joining the Royal Air Force as a pilot. He retired in 2008, having flown 22 different aircraft types as a line pilot, instructor, examiner and squadron commander, with consistent ratings of ‘Exceptional’. Peter spent the second half of his career in the Ministry of Defence developing operational requirements, leading studies, managing projects and in appointments in the Inspectorate of Flight Safety and strategic policy and plans. He was elected Fellow of the Royal Aeronautical Society in 1993, appointed to the Order of the British Empire in 1995 and awarded the Sir Robert Hardingham Presidential Sword in 2012 by the President of the Royal Aeronautical Society for outstanding service to the Society. Peter served on the Royal Aeronautical Society’s Learned Society Board between 2006 and 2016 and, from 2011 until 2016, chaired the Society’s Events Committee. Also between 2011 and 2016, Peter was the Executive Chairman of the International Pilot Training Consortium.

In 2018, Peter became Secretary to the Society’s Flight Crew Training Working Group Committee; an appointment he still holds. Much of Peter’s time is spent working with Gloucester Cathedral and with disadvantaged, homeless and vulnerable people in Gloucester. Peter enjoys long-distance hill-walking, gardening and time with his grandchildren. grandchildren.

SESSION SIX

CAPTAIN MIKE FREEMAN FRaesS, CHAIRMAN, RAeS HUMAN FACTORS SPECIALIST GROUP, UK
Biography: Captain Mike Freeman is a fellow of the RAeS and is Chairman of the Society’s Human Factors Group. His aviation career has spanned 40 years. He was a senior training captain and examiner with British Airways and has been involved in human factors training, both in the aviation industry and in the NHS. After retiring from British Airways, he continued his flying career as a trainer and examiner on business jets and is still active in the field of human factors training, as well as pilot training.
13) CAPTAIN VASILEIOS KLOUDAS FRAeS, CHIEF PILOT, OLYMPIC AIR, GREECE

Biography: Captain Kloudas is an active airline Captain and Flight operations Manager. He is currently Chief Pilot for Olympic Air. Previous roles he has held include Dpt. Flight Standards Manager, Head of CRM, Fleet Support Officer. Types flown include A320, ERJ145, DH4, DH8. Captain Kloudas enjoys designing and delivering training and development activities for flight crew. Vasileios is actively engaged in airline training as an active UKCAA TRI/TRE. Vasileios holds a Master’s degree in Air Transport Management from Cranfield University.

13) DR TINA COCLAMI, VISITING LECTURER IN AVIATION PSYCHOLOGY, AEGEAN & OLYMPIC AIR, GREECE & CITY UNIVERSITY OF LONDON, UK

Biography: Dr Tina Coclami is a Visiting Lecturer in Aviation Psychology at City, University of London. After receiving her PhD in Psychopathology, Tina obtained, for more than 10 years, clinical experience in Adult Psychopathology and Diagnosis, in the Psychiatric Settings that she worked, before joining, in 2008, Aegean Airlines and Olympic Air as company's Aviation Psychologist.

14) CAREY EDWARDS FRAeS, MANAGING DIRECTOR, LMQ LTD.

Biography: Carey Edwards is Managing Director of LMQ Ltd, a training organisation specialising in safety critical industries, and was Chairman of the RAeS Human Factors Group. He is a former Royal Air Force helicopter pilot, held an ATPL, and is author of the book ‘Airmanship’ currently in its 3rd edition.

Carey has a BA (Business), BSc (Psychology) and is a Graduate of the Wharton Business School. Outside of aviation, he has worked in the rail and health industries and was non-executive Chairman of Day Lewis, a large independent pharmacy group. His career has included senior management positions in shipping, hotel development, and project management.

15) NIKKI HEATH, MANAGING DIRECTOR, ORBIT PERFORMANCE LTD, UK

Biography: Nikki Heath is a Human Performance and Behavioural Psychologist with over 25 years’ experience of working with individuals and teams who are required to perform to high levels in dynamic and safety critical environments. She has worked internationally and enjoys the challenges of ensuring that her solutions encompass people from every type of culture, at every level of experience and stage of their career. She has spent the last 18 years in aviation, designing processes and systems that meet the demands of assessment and career development for the whole spectrum of civil and military aircrew.

SESSION SEVEN

CAPTAIN FRANÇOIS LASSALE FRAeS, CHIEF OPERATING OFFICER, HELIOFFSHORE, UK

Biography: Francois Lassale is the Chief Operating Officer for HeliOffshore, working with the global Offshore helicopter transport industry, enhancing safety through collaboration. Francois is responsible for facilitating a network of industry experts in the articulation and delivery of best practice. He oversees the global workstream activities to ensure effective enrolment, momentum and results, as well as creating a transparent and collaborative environment with effective two-way communication. Before joining HeliOffshore Francois was the Managing Director for a firm in the USA bringing turnkey solutions to the industry. Francois has a military background in the South African army and Royal Air Force flying both fixed wing and rotary wing. Since leaving the military he flew in airline, freight, VIP and Head of State operations. Francois has been an instructor, TRI, TRE and CRM.

SESSION EIGHT

CAPTAIN CLIVE RICHARDSON FRAeS, FLIGHT OPERATIONS MANAGER - ATO & FCL, UKCAA, UK

Biography: Experienced TRI/TRE/SE and holder of training management roles with major airlines, including Virgin Atlantic and Thomas Cook. Currently managing flight crew training and standards and pilot performance matters for the UKCAA.

16) CAPTAIN DAVID NEWBERY FRAeS, CHECK & TRAINING CAPTAIN, CATHAY PACIFIC AIRWAYS, HONG KONG

Biography: Captain Dave Newbery FRAeS BSc(Hons) is a Check and Training Captain with Cathay Pacific Airways, flying Airbus A330 and A350 aircraft. He is also the President of the Hong Kong Airline Pilots Association. After a career in the UK Royal Air Force, Dave moved to Hong Kong to join Cathay Pacific in 1994. He has been active in the IFALPA Accident Analysis and Prevention and HUPER Committees, specialising in Flight Time Limitations, Licensing and Training, Head Up Display instrumentation and Command Training. Dave was also a member and, for a while, Chair of the IPTA Licensing and Regulation Workstream.

17) CAPTAIN TIM ROLFE FRAeS, DIRECTOR OF AVIATION SAFETY, BRISTOW GROUP, UK

Biography: Graduating from Bristow’s in-house sponsored Helicopter Pilot course in 1990 to fly the S61N, AS332L and S92 helicopters in O&G, SAR, military support and VIP roles, Tim has 8,500 rotary flying hours and was an active TRE for 20 years. Transitioning from cockpit to simulator and on to ‘mahogany bomber’ via Operations and Training and Safety management, in 2018 Tim was appointed Director, Safety (EAMEA), responsible for the Group’s Safety Assurance programmes. Degrees in Genetics/ Biochemistry and Psychology and an MSc in Human Factors and Safety Assessment in Aeronautics underpin a personal and professional interest in behavioural sciences and their
application in aviation. Tim is a member of the HeliOffshore Safety Steering Group, co-chairs the HeliOffshore Operational Effectiveness workstream and also acts as Chair of the Helicopter WG of EASA RMT0599, focussed on the development of Evidence-based Training (EBT) for offshore helicopters.

18) CAPTAIN DEREK SPICER FRAes, SENIOR TRAINING CAPTAIN & EXAMINER, INTERNATIONAL AIR TRAINING STANDARDS, UK

Biography: Derek Spicer has enjoyed a career that spans 32 years, flying multiple types including; fixed and rotary wing in the Royal Navy; Helicopters on the North Sea; and the Airline Industry. He has been training Pilots and Instructors for 25-years and training Examiners for 9-years. Working for both Airbus and Boeing manufacturers, Derek has delivered training and standardisation across 36 airlines. Now, Derek represents the UK CAA and IAA as a Senior Examiner and is a Training Standards Captain flying the ‘787 Dreamliner with Norwegian. He maintains currency on the A320/A330/A350/B737/B777/B787, Helicopters and Classic Aeroplanes. Derek lives (and rides bicycles) in Sussex UK with his wife Meriel and 3 daughters.

SESSION NINE

CAPTAIN PRITI KOHAL, 737NG TRI/TRE, SPICE JET, INDIA

Biography: Captain Priti Kohal has been flying for the last 23 years and has over 12,000 hours of flying experience. Captain Kohal has flown the B777 and also acted as an examiner on the B737 as well as being a CRM and train the trainer instructor.

She was previously chief pilot training design and programs in Jet Airways. Priti is presently employed by Spice Jet, and also proudly a panel member of the aircraft accident investigation board in India.

19) CAPTAIN TANJA HARTER, TECHNICAL AFFAIRS BOARD DIRECTOR, EUROPEAN COCKPIT ASSOCIATION, BELGIUM

Biography: Tanja currently holds the position of Executive Board Director for Technical Affairs at the European Cockpit Association. In that function, she is also a member of the EASA Stakeholders Advisory Body (SAB), the EASA Flight Standards Technical Committee (FS TEC), as well as the Aircrew Training Policy Group (ATPG). Within ECA she has now taken the leading role in the development of ECAs Future Airline Pilot Profession project. As Chair of the International Federation of Air Line Pilots’ Associations (IFALPA) Human Performance Committee, Capt. Harter is responsible for all training & licensing, human factor and medical issues within IFALPA. In the area of training, she has taken a leading role in the IFALPA MPL workshop as well as the development of the ECA Training Compass. Following her studies in electronic engineering at the University of Technology in Munich she received her pilot training at the Lufthansa Pilots School in Bremen, Germany & Phoenix, AZ. Capt. Harter flew the B737 and B747 as FO & SFO. She currently flies the A320 family for Lufthansa as a Captain.

She is an active CRM Instructor as well as an accredited Business & Management Coach. She was and is actively involved in numerous international working groups and initiatives on behalf of ECA and IFALPA as the IWG (ICAO Doc 9625) Development of EBT, the Development of the Co-Branded (IATA/ICAO/IFALPA) MPL Implementation Guide, ED 2, the EASA MPL Advisory Board and is the IFALPA Representative to the ICAO NGAP.

20) CAPTAIN TORBJÖRN WISCHER, GLOBAL LEADER TRAINING SOLUTIONS, CAE, CANADA

Biography: Torbjörn Wischer as Head of Training for Civil Aviation, has more than 25 years’ experience in aviation training. He started his career as a Scandinavian Airlines System (SAS) pilot in 1987 and was promoted as commander in 1996. He has held several positions within SAS, including Project Manager, Chief Flight Instructor and Deputy Head of Training. In 2008, Mr. Wischer joined Oxford Aviation Academy as Head of Training and following the acquisition of Oxford Aviation Academy by CAE in 2012, he was appointed Training Leader, Commercial Aviation Training for Europe and Africa for the EASA Commercial Aviation Training Organization (ATO).

In 2012, Mr Wischer was promoted as the Global Lead Training Strategy reporting to the group president civil CAE, and 2019 Mr Wischer took on the position as Head of Training for CAEs European operations including Commercial Aviation Training, Business Aviation Training, and Abinitio Training. Mr. Wischer holds a Bachelor in Business Administration and Economics from Stockholm University, and a Diploma in Air Transport Management.

21) CAPTAIN COLIN RYDON FRAes, VICE PRESIDENT TRAINING, STANDARDS & DEVELOPMENT/HEAD OF TRAINING, L3HARRIS COMMERCIAL AVIATION, UK

Biography: Colin Rydon holds the regulatory position as Head of Training on the UK EASA ATO, a position held since June 2017. Responsible for all training across the Academy and Airline Training businesses, whilst driving forward training standards and development across the organisation. In addition, responsible for business development and exploration of data analytics whilst overseeing airline training operations in UK, Thailand and US.

Over his 20 year management career and 30 years flying experience, he has touched most functions of an airline and training organisation. Having started flying with British Airways (BA) where he flew the B737, B757, B767, B747-100/200 and B747-400 aircraft. He became involved in all forms of pilot training and examining and was a TRI/TRE/SE on a number of aircraft. Being passionate about training and the desire to drive standards higher he became involved in management at BA. He held a number of different management positions at BA before leaving after 20 years’ service. Following BA he enjoyed a number of years at easyJet where he held a number of management roles whilst
flying and training on the A320 as a TRI/TRE/SE. In 2013 he moved to Jetstar as Head of Flight Operations/Chief Pilot and completed his Hong Kong and Singapore ATPLs along with Hong Kong TRI/TRE authorisations. Colin returned to the UK as Director of Flight Operations at Flybe, flying the Dash 8 turboprop, but managing a fleet of ATR, Bombardier and Embraer aircraft.

He is now delighted to be able to focus his energy on the next generation of commercial pilots and to look to help drive standards of commercial pilot training to the highest possible levels across the globe. During his career he has amassed over 10,000 flying hours and is still training and examining on the A320.

22) ANNA MCGRADY, FIRST OFFICER, BRITISH AIRWAYS, UK

Biography: Anna completed her initial training through CTC Aviation (now L3 Airline Academy) during which she was one of the first students on the BSc Professional Aviation Pilot Practice degree. Following her training she joined easyJet and spent three years flying from London Gatwick as a First Officer. In September 2018 she joined British Airways where she continues to fly the A320 based at London Heathrow.