












## Scientific Committee 2018-2020

1	<p>Prof. Dr.-Ing. <b>Peter HECKER</b>; Date of birth: 02/02/1962; Nationality: German.</p> <p>Prof. Dr. Peter Hecker is full Professor at the Technische Universität Braunschweig (TU-BS) and Director of TU-BS's Institute of Flight Guidance since 2005.</p> <p>Prof. Hecker is member of several bodies like the SESAR Joint Undertaking Administrative Board, the SESAR JU Scientific Committee, the Clean Sky STAB, and the <i>Clean Sky 2 Scientific Committee (as chairman from 2014 to 2017)</i>.</p> <p>In 2011 he was awarded by the National Academy of Science and Engineering of Germany (acatech) for developing best practises in managing and developing PhD programmes in the engineering domain.</p>	
3	<p>Prof. h.c. Dr.-Ing. <b>Dieter SCHMITT</b>, ARTS - Aeronautical Research &amp; Technology Services.</p> <p>The Academic background consists of 7 years as researcher at the TH Darmstadt (1968 – 1975), up to PhD degree; then 7 years as professor (Ordinarius) at the TU Munich (1996 – 2002).</p> <p>Industrial experience at Airbus for 25 years (1976 - 1996), in Hamburg and Toulouse in different positions 5 years in Toulouse as “VP Research &amp; Technologies” (2002 - 2007); Bauhaus Luftfahrt in Munich for 2 years as Technical Director of BHL in Munich (2008-2009).</p> <p>As consultant, support to several national and European agencies -(Poland, Austria, Germany, EC); and EC Institutions like ACARE TAG, EASN, STRIA. <i>Member of the CS “Scientific Committee” (2015 – 2017)</i></p> <p>Author of a Book on: “Air Transport System”, issued 2016 (ISBN 978-3-7091-1879-5)</p>	
3	<p><b>Dr David DUNFORD</b> is CEng, PhD (Imperial), Fellow Royal Aeronautical Society (RAeS), Fellow Institute of Material, Mineral and Mining (IOM3), with 40 years+ experience in the aeronautical sector, aligned to research, technology development and application, primarily in aerospace materials, surface engineering, manufacturing technologies and technology demonstration, covering both airframe and aero-engines.</p> <p>At RAE Farnborough (United Kingdom) (1975 – 1995), Research and technology demonstration; in QinetiQ until 2009. Currently Independent Consultant in Technical and Programme Management, supporting public sector organisations (UK and EC): Technical Assessment and Programme Monitoring of the UK Aerospace Technology Institute (ATI) programme contracted through Innovate UK. The current contracted ATI portfolio grant is &gt;£2Billion (150+ projects). - Technical support to Clean Sky (CS) and Clean Sky 2(CS2). <i>Member of the SciCom (2014-2017)</i> and reviewer for REG and FRC IADP's and ENG ITD.</p>	
4	<p>Prof. <b>Janusz NARKIEWICZ</b>, PhD, DSc is Head of the Department of Automation and Aeronautical Systems, Warsaw University of Technology, Warsaw, PL. During his career he worked in Institute of Aviation, PL and at City University, London UK. He visited several universities and research centres in Europe, Asia, USA and Canada. He published 4 books, 27 reviewed papers, 150+ papers in conference proceedings.</p> <p>His current research covers: aeronautical systems modelling and simulation, control, navigation, flight mechanics, rotary wing aeromechanics. He has certificates PRINCE 2 and Polish Ministry of Treasure for members of supervisory boards. He coordinated several research projects funded by EC, EDA, national and foreign industry and Polish government. He was evaluator and reviewer for EC, and other countries, and a <i>member of SciCom of CS2 in the first term</i></p>	
5	<p><b>Dr Trevor M. YOUNG</b> is an Associate Professor in aeronautical engineering at the University of Limerick (UL), Ireland since 1993. He holds degrees in aeronautical engineering from Cranfield University (Ph.D. and M.Sc.) and the University of the Witwatersrand, Johannesburg (B.Sc. Eng.).</p> <p>After graduating in 1983, he worked in the aviation industry in several countries. He has expertise in laminar flow technologies and is an Expert Reviewer for the EC-funded AFLoNext project. He was a <i>member of the Clean Sky 2 Scientific Committee (2014-2017)</i>. Acting also as an Expert Reviewer on Clean Sky platforms</p> <p>He is the sole author of the recently-published textbook <i>Performance of the Jet Transport Airplane: Analysis Methods, Flight Operations, and Regulations</i> (Wiley, 2017). He is author of more than 48 conference papers (proceedings), 52 peer-reviewed journal articles and 10 book chapters.</p>	
6	<p><b>Prof. Francesca SANNA-RANDACCIO</b> is Full Professor of Economics at the Department of Computer, Control and Management Engineering “Antonio Ruberti” at La SAPIENZA University of Rome. She will retire in 2018.</p> <p>She holds a BA from the University of Rome, an MA from Johns Hopkins University and an M.Litt. in economics from Oxford University.</p> <p>She was Expert (and Rapporteur) in the first (2006) and second (2007) impact assessment of the “Clean Sky” JTI Proposal (FP7) and acted as a <i>Member of the Clean Sky Scientific and Advisory Board (STAB) in 2010-14</i>.</p> <p>She has also been a Member of the Expert Group undertaking the Impact Assessment of the Clean Sky 2 Proposal (Horizon 2020) in 2012. Further, she has been appointed by the European Commission as Member of the Advisory Group for “Transport (including Aeronautics)” in 2010-2014.</p> <p>She is the author of numerous well cited publications in leading international journals in the fields of innovation, environmental policy, strategic choices of global players and competitiveness.</p>	

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7	<p><b>María Ángeles MARTIN PRATS</b>, PhD</p> <p>María Ángeles is Associate Professor at the Department of Electronics Engineering of the School of Engineering of the University of Seville since January 2009. Responsible since 2015 of the Research Group of Avionics Previous experiences at INTA and at University of Huelva. Chair of the Spanish technical chapter IEEE Aerospace and Electronics Systems. Member of the Pegasus Board since April 2011. Vice-Dean of External Relations of the ETSI US since February 2015 until now.</p> <p>Member of ACARE Working Group 5 of the European Commission since 2016. Deputy of European Universities of the European Defence Agency since December 2016.</p>	
8	<p><b>Christian MARI</b> retired from Safran in 2015; his last position was Chairman &amp; CEO of Joint Venture Martin-Baker /SAFRAN Group) 2010-2015. Among the previous positions he was Senior Vice-President of SAFRAN Group R&amp;T Corporate Research &amp; Technology Directorate 2002-2004; -Senior Vice-President of SNECMA Engines Research &amp; Technology 2000-2002 and Vice-President (Advanced Engines Design, SNECMA Engines) 1996-2002.</p> <p>His academic background is Research Assistant at CNRS, a PhD in CFD at Ecole Centrale de Lyon, after a Master and Engineer degree at Ecole Centrale of Lyon in 1974.</p> <p>He is Current Chairman of the Board at Ecole Centrale de Lyon: , and member of AAAF, ICAS AIAA and RAeS.</p>	
9	<p><b>Paulo M. S. TAVARES DE CASTRO</b> is currently a full professor in the Department of Mechanical Engineering at Faculty of Engineering of the University of Porto (FEUP). He got a Degree in Mechanical Engineering from FEUP in 1973, a master's degree from Imperial College London in 1977 and a PhD from Cranfield Institute of Technology in 1980. He is author of 134 publications</p> <p>His research interests are mainly in the field of fatigue, fracture and structural integrity, particularly of Aerostructures. He is involved in several national and international scientific and professional associations, such as ASME, EASN TWI, IOM3, SEFI and Ordem dos Engenheiros. He is Member of the editorial board of specialized journals. Evaluator of R&amp;D for the EU and several national organizations including the recent large aeronautics project LOCOMACHS.</p>	
10	<p><b>Patrik Fernberg</b> Associate Professor, Polymeric Composite Materials, Luleå University of Technology (LTU), Sweden since 2015; PhD, Polymeric Composite Materials, LTU, Sweden in 2002. MSc, Physics, University of Umeå (UU), Sweden in 1998.</p> <p>Since 2015 -Head of Research, Swerea SICOMP AB since 2013 Adjunct Associate Lector, LTU.</p> <p>Fifteen (15) publications in peer reviewed journals, More than thirty (&gt;30) conference presentations.</p> <p>Member of Swerea SICOMP management group; Swedish representative within <i>WG5 Infrastructures and Education</i> of (ACARE). 2008 – 2012: Member of European Society of Composite Materials (ESCM) council.</p> <p>Involved in several projects, Evaluator of calls in FP7 and H2020.</p>	
11	<p><b>Régine SUTRA ORUS</b> obtained her electrical engineering degree from the Ecole Nationale Supérieure d'Electronique Electrotechnique et Hydraulique de Toulouse (ENSEEHT), France in 1988.</p> <p>In 2003, head of Airbus electrical system group in charge of A380 &amp; A400 M development as well the Aircraft in service support. Moved to Zodiac Aerospace in 2009; currently More Electrical Aircraft department manager at the technological research institute IRT Saint Exupéry in charge of More Electrical &amp; Hybrid/propulsion Aircraft technologies, methods &amp; tools to support the IRT academics &amp; industrials partners. She manages about 100 people.</p>	
12	<p><b>Wim PASTEUNING</b> retired in 2015 after 41-yearcareer at Fokker where he has always been involved in development and technology. The development programmes where not limited to Fokker aircraft, but also included numerous fixed wing and rotary aircraft co-developments in- and outside Europe; He now acts as an independent consultant. He studied mechanical engineering at the Institute of Technology in Amsterdam. He flies historic aircraft, holds an aerobatic license and co-owns a Saab Safir.</p>	