



## FINAL PROGRAMME

Tuesday 25 October

Wednesday 26

Thursday 27

|               |                                                                                                                                                                                                 |                                                                                                                                                         |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08h00 - 9h00  | <b>Registration</b>                                                                                                                                                                             |                                                                                                                                                         |
| 9h00 - 9h30   | <b>Opening Ceremony</b>                                                                                                                                                                         |                                                                                                                                                         |
| 9h30 - 10h00  | <b>Keynote 1 : M. Ventre - CORAC</b>                                                                                                                                                            |                                                                                                                                                         |
| 10h00 - 10h30 | <b>Coffee Break</b>                                                                                                                                                                             |                                                                                                                                                         |
| 10h30 - 12h50 | <b>Session 1 - M. Gupta (Chair), U. Ziegler (Rapporteur)</b><br>Way to achieve Carbon Neutral Growth International Measures to address Aviation Carbon contribution to Climate                  |                                                                                                                                                         |
|               | <i>P. Steele</i> - ATAG<br><i>E. Dautriat</i> - CleanSky<br><i>Jane Hupe</i> - ICAO Secretariat<br><i>M. Gupta</i> - FAA<br><i>D. Zingg</i> - University of Toronto<br><i>F. Collier</i> - NASA |                                                                                                                                                         |
| 12h50 - 14h00 | <b>Lunch</b>                                                                                                                                                                                    |                                                                                                                                                         |
| 14h00 - 15h20 | <b>Session 2</b><br>D. Delia (Chair), M. Joshi (Rapporteur)<br>Future of Aviation Fuels                                                                                                         | <b>Session 3</b><br>B. Demaret (Chair)<br>Helicopters & Environment                                                                                     |
|               | <i>Jane Hupe</i> - ICAO Secretariat<br><i>J. Kinder</i> - Boeing<br><i>X. Montagne</i> - IFP<br><i>P. Nash</i> - Airbus                                                                         | <i>C. Garnier</i> - Eurocopter<br><i>I. Goulos</i> - Cranfield University<br><i>C. Smith</i> - Agusta Westland<br><i>D. Borelli</i> - Genova University |
| 15h20 - 15h50 | <b>Coffee Break</b>                                                                                                                                                                             |                                                                                                                                                         |
| 15h50 - 17h10 | <i>Y. Yambanis</i> - Camelina Company Espana<br>& <i>D. Dimitriu</i> - TAROM<br><i>A. Elgowainy</i> - ANL<br><i>T. Horde</i> - Mines de Paris<br><i>T. Snijders</i> - Delft University          | <b>Round Table</b>                                                                                                                                      |

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| 08h30 - 9h00  | <b>Registration</b>                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                    |
| 9h00 - 9h30   | <b>Keynote 2 : I. Middleton - Eurocontrol</b>                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                    |
| 9h30 - 10h30  | <b>Session 4: Chair: S. Matthes, Rapporteur: C.-P. Clarke</b><br>ATM for the environment                                                                                                                               |                                                                                                                                                                                                                                                                                                                    |
|               | <i>S. Dalton</i> - Alaska Airlines<br><i>A. Bourgin</i> - DGAC<br><i>S. Altos</i> - Jepperson                                                                                                                          |                                                                                                                                                                                                                                                                                                                    |
| 10h30 - 11h00 | <b>Coffee Break</b>                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                    |
| 11h00 - 13h00 | <i>C. Alves Rodrigues</i> - SESAR JU<br><i>P. Lubrani</i> - INECO<br><i>M. Soler</i> - Rey Juan Carlos University<br><i>T. Martensson</i> - FOI<br><i>P. de Jong</i> - Delft University<br><i>T. van de Ven</i> - TO70 |                                                                                                                                                                                                                                                                                                                    |
| 13h00 - 14h00 | <b>Lunch</b>                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                    |
| 14h00 - 15h40 | <b>Session 5 - R. Miake-Lye (Chair)</b><br>Penanhoat (Rapporteur)<br>New understanding and steps toward a certification measurement approach for Aircraft PM emissions                                                 | <b>Session 7</b><br>P. Brok (Rapporteur)<br>Aircraft Noise and its impacts                                                                                                                                                                                                                                         |
|               | <i>P. Madden</i> - ICCAIA<br><i>T. Rindlisbacher</i> - FOCA<br><i>D. Liscinsky</i> - UTRC<br><i>A. Robinson</i> - Carnegie Mellon Univ.<br><i>D. Delhaye</i> - ONERA                                                   | <i>J. Skalecky</i> - FAA<br><i>N. van Oosten</i> - ANOTEC<br><i>C. Lavandier</i> - U. Cergy Pontoise<br><i>P. Hooper</i> - MMU<br><i>M. Brink</i> - ETHZ                                                                                                                                                           |
| 15h40 - 16h10 | <b>Coffee Break</b>                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                    |
| 16h10 - 18h30 | <b>Session 6 - D. Sepulveda (Chair)</b><br>P. Madden (Rapporteur)<br>Technological Advances in NOx Reduction from aircraft engines in all phases of flight                                                             |                                                                                                                                                                                                                                                                                                                    |
|               | <i>W. Dodds</i> - ICCAIA<br><i>R. Del Rosario</i> - NASA<br><i>C. Holsclaw</i> - FAA<br><i>S. Matthes</i> - DLR                                                                                                        | <i>X. Oh</i> - ACI<br><i>J. Slama</i> - Univ. Rio de Janeiro<br><i>P. Goldschagg</i> - South Africa<br><i>D. Southgate</i> - Australia<br><i>B. Figlar</i> - TU Muenchen<br><i>B. Barbo</i> - Aéroports de Paris<br><i>O. Zaporozhets</i> - NAU Kyev<br>& <i>O. Kartyshhev</i> - Moscow Aviation Ecological Center |
| 20h00         | <b>Symposium Dinner</b>                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                    |

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| 08h30 - 9h00  | Registration                                                                                                                                      |
| 9h00 - 9h30   | Keynote 3 : L. Maurice - FAA                                                                                                                      |
| 9h30 - 10h28  | <u>Session 8 - F. Collier (Chair), P. Brok (Rapporteur)</u><br>Interdependency modeling – Systems Approach & Trends                               |
|               | M. Gupta - FAA<br>D. Mavris - Georgia Tech<br>L. Cavadini - Eurocontrol                                                                           |
| 10h30 - 11h00 | Coffee Break                                                                                                                                      |
| 11h00 - 12h00 | S. Maertens & A. Junior - DLR<br>P.Wolfe - MIT<br>K.Kazhan - NAU Kyev                                                                             |
| 12h00 - 13h00 | Lunch                                                                                                                                             |
| 13h00 - 14h00 | <u>Wrap-Up Session of Technical Sessions</u>                                                                                                      |
| 14h00 - 16h00 | <u>Session 9 - P. Brok (Chair), D. Collin (Rapporteur)</u><br>International cooperation on non-competitive aviation-environmental research topics |
|               | M. Brusati - European Commission<br>F. Collier - NASA<br>F. Kafyeke - Bombardier                                                                  |
|               | Round Table with Panel of Network Coordinators<br>from European Union, United States, Canada, Japan, Russia & Brazil                              |
| 16h00 - 16h30 | Closing Speech : J. Hupe - ICAO                                                                                                                   |
| 16h30 - 17h00 | End of Conference - Refreshments                                                                                                                  |
| 15h00 - 16h00 | <u>Wrap-Up Session of Technical Sessions</u><br><u>M. Joshi (Chair)</u>                                                                           |