

Contrails and Sustainability – Issues and Strategies for the Development of Sustainable Airways

WORKSHOP #5 – Friday, June 27, 2025

TBS Education – Alaric Building (next to the Novotel) – 6, place Alphonse Jourdain – 31000 Toulouse
Room 202/203 – 2nd floor

Chairs:

Nicolas Gourdain (morning) – Professor of Engineering at Isae-Supaero

Marc Ivaldi (afternoon) – Professor of Economics at Toulouse School of Economics

08:45 – Participant Welcome (15')

09:00 – Welcome address by our host – Stéphanie Lavigne, General Manager at TBS Education (10')

09:10 – Opening Remarks – Laurent Joly, Director of ISA (5')

09:15 – Nicolas Bonne / Climaviation – *Contrail modeling activities in Climaviation project* (30')
Q&A and open discussion (15')

10:00 – Coffee Break (15')

10:15 – Céline Demouge / DGAC- DSNA – *Consideration of contrails by air navigation services and their impact on the network* (30')
Q&A and open discussion (15')

11:00 – Catherine Mackay / Airbus – *Persistent contrails: can we predict them?* (30')
Q&A and open discussion (15')

11:45 – Morning Wrap-up by Nicolas Gourdain (15')

12:00 – Standing Lunch (90') – Novotel

13:30 – Antoine Joulia / Onera – *Climate impact assessment using ATMLab, preliminary results* (30')
Q&A and open discussion (15')

14:15 – Valérie Guéron / Safran – *Non-CO2 climate effects: Safran Group's perspective* (30')
Q&A and open discussion (15')

15:00 – Coffee Break (15')

15:15 – Panel Discussion chaired by Nicolas Gourdain with Christophe Peiron / Air France, Chris Deseure / Thalès, Jérôme du Boucher / Transport & Environment and Eric Maury / Airbus – *Mitigation strategies of contrails: which roadmap?* (90')

16:45 – Afternoon Wrap-up by Marc Ivaldi (15')

17:00 – Workshop Closing

