



Future Sky Safety: a Joint Programme for Aviation safety

***1st Future Sky Safety Public Workshop
8-9 March 2017***

***Workshop venue:
EUROCONTROL Headquarters
Room Europe
Rue de la Fusée, 96
1130 Brussels (Haren)***



DAY 1

9:00 – 9:30	Registration & Coffee	
9:30 – 9:50	Welcome & Introduction	Daniele Violato INEA EC
9:50 – 10:10	Safety research overview	Emmanuel Isambert EASA
10:10 – 10:45	Future Sky Safety Programme (including FS)	Michel Piers NLR
10:45 – 11:15	<i>Poster session and Coffee break</i>	

1st Technical session: Runway Excursion

11:15 – 11:35	2016 World wide runway occurrences costs	Capt. Rob van Eekeren Safe-Runway GmbH
11:35 – 11:55	Aerodynamic analysis of aircraft at high sideslip crosswind gust & simulation of hydroplaning effects	Gabriel Cojocar INCAS
11:55 – 12:15	“Big data Analytics” of braking distance at Paris-CDG airport	Frédéric Barbaresco Thales
12:15 – 12:35	How Can We Reduce Runway Excursion Risk?	Gerard van Es NLR
12:35 – 13:00	Roundtable questions & answers	Chairman: Gerard van Es NLR
13:00 - 14:00	<i>Lunch</i>	

2nd Technical session: Total aviation system risk prevention and mitigation

14:00 – 14:20	Data4Safety	EASA
14:20 – 14:40	The Risk Observatory: strengthening the ability to monitor safety performance	Joram Verstraeten NLR
14:40 – 15:00	Risk modelling: from safety data to a risk picture	Marta Llobet Lopez EUROCONTROL
15:00 – 15:20	Big data for aviation safety	Gerben van Baren NLR
15:20 – 15:45	Roundtable questions & answers	Chairman: Joram Verstraeten NLR
15:45 – 16:15	<i>Poster session and Coffee break</i>	



3rd Technical session: Resolving the organisational accidents

16:15 – 16:35	'EasyJet's experience of its first safety culture survey'	Sian Blanchard and Jim Pegram EasyJet
16:35 – 16:55	Expanding safety culture across the aviation spectrum	Tom Reader London School of Economics
16:55 – 17:15	Safety intelligence and middle managers – the undiscovered country?	Corinne Bieder Airbus/ENAC
17:15 – 17:30	Roundtable questions & answers	Chairman: Barry Kirwan EUROCONTROL
17:30 – 17:45	Day 1 closure and wrap-up	Michel Piers NLR



DAY 2

9:00 – 9:30 Registration & Coffee

9:00 – 9:15 Introduction to Day 2

Michel Piers
NLR

4th Technical session: Human Performance Envelope

9:15 – 9:35 Using the Human Performance Envelope to inform Future Trajectory Based Operations

Dr. Tamsyn Edwards
NASA Ames

9:35 – 9:55 Charting the Human Performance Envelope: Results from simulator experiments

Alia Lemkaddem
CSEM

9:55 – 10:15 Designing the future pilot for the future sky

Frederik Mohrmann
NLR

10:15 – 10:30 Roundtable questions & answers

Chairman: Matthias Wies
DLR

10:30-11:00 *Poster session and Coffee break*

5th Technical session: Mitigating the Risk Of Fire Smoke & Fumes

11:00 – 11:20 How to protect aircraft against fire with an intumescent cake?

Pr. Serge Bourbigot
University of Lille

11:20 – 11:40 Fire properties and behaviour of primary structure composite materials

Julien Berthe and Gilian Leplat
ONERA

11:40 – 12:00 Fibre metal laminates for improved structural behaviour under fire exposure

Martin Liebisch
DLR

12:00 – 12:20 Fire behaviour of composite materials: development of experimental and numerical methods

Cédric Huchette and Gilian Leplat
ONERA

12:20 – 12:45 Roundtable questions & answers

Chairman: Julien Berthe
ONERA

12:45 – 14:00 *Lunch*

14:00 – 14:30 How European research contributes to aviation safety

Frederik Abbink
Abbink Aviation Consultancy

14:30 – 15:00 Workshop wrap-up and future of aviation safety research

Michel Piers
NLR