Workshop: Aircraft weather observations and their use

Report of Contributions

Contribution ID: **1** Type: **not specified**

Round table introduction

Wednesday, 12 February 2020 09:05 (15 minutes)

Session Classification: Session 1: Introduction

Contribution ID: **2** Type: **not specified**

Introduction to global aircraft-based observations (ABO)

Wednesday, 12 February 2020 09:20 (20 minutes)

Presenter: STRINGER, Steve (EUMETNET)

Session Classification: Session 1: Introduction

Contribution ID: **3** Type: **not specified**

EMADDC & plans

Wednesday, 12 February 2020 09:40 (20 minutes)

Presenter: SONDIJ, Jan (KNMI)

Session Classification: Session 1: Introduction

Contribution ID: **4** Type: **not specified**

Discussion

Wednesday, 12 February 2020 10:00 (30 minutes)

Session Classification: Session 1: Introduction

Contribution ID: **5** Type: **not specified**

Poster introductions

Wednesday, 12 February 2020 10:30 (5 minutes)

Session Classification: Session 1: Introduction

Contribution ID: **6** Type: **not specified**

E-AMDAR Data monitoring

Wednesday, 12 February 2020 10:50 (20 minutes)

Presenter: VAN DER MEULEN, Jitze (KNMI)

Session Classification: Session 2: Temperature

Contribution ID: **7** Type: **not specified**

ECMWF Assimilation & Data Monitoring

Wednesday, 12 February 2020 11:10 (20 minutes)

Presenter: INGLEBY, Bruce (ECMWF)

Session Classification: Session 2: Temperature

Contribution ID: **8** Type: **not specified**

Forecaster use of ABO

Wednesday, 12 February 2020 11:30 (20 minutes)

Presenter: EINARSSON, Björn (IMO)

Session Classification: Session 2: Temperature

Contribution ID: **9** Type: **not specified**

Temperature bias

Wednesday, 12 February 2020 11:50 (20 minutes)

Presenter: DRÜE, Clemens (University of Trier)

Session Classification: Session 2: Temperature

Contribution ID: **10** Type: **not specified**

Discussion

Wednesday, 12 February 2020 12:10 (50 minutes)

Session Classification: Session 2: Temperature

Contribution ID: **11** Type: **not specified**

Global ABO data monitoring (remote presentation)

Wednesday, 12 February 2020 14:00 (20 minutes)

Presenter: ZAITSEVA, Yulia (Environment Canada)

Session Classification: Session 3: Wind

Contribution ID: **12** Type: **not specified**

Discussion

Wednesday, 12 February 2020 14:40 (20 minutes)

Session Classification: Session 3: Wind

Contribution ID: **13** Type: **not specified**

ADS-C/AIREPs Regulated Met Data Provision (remote presentation)

Wednesday, 12 February 2020 14:20 (20 minutes)

Presenter: WILLIARD, Alan (Collins Aerospace)

Session Classification: Session 3: Wind

Contribution ID: **14** Type: **not specified**

US NWP Assimilation & Data Monitoring

Wednesday, 12 February 2020 15:00 (20 minutes)

Presenter: HILL, Chris (NCEP)

Session Classification: Session 3: Wind

Contribution ID: **15** Type: **not specified**

Using ABO to improve forecasts

Wednesday, 12 February 2020 15:50 (20 minutes)

Presenter: SHAPLAND, James (Met Office)

Session Classification: Session 3: Wind

Contribution ID: **16** Type: **not specified**

Mode-S assimilation

Wednesday, 12 February 2020 16:10 (20 minutes)

Presenter: ZHIHONG, Li (Met Office)

Session Classification: Session 3: Wind

Contribution ID: **17** Type: **not specified**

Discussion

Wednesday, 12 February 2020 16:30 (1 hour)

Session Classification: Session 3: Wind

Contribution ID: **18** Type: **not specified**

Use of WVSS & TAMDAR data

Thursday, 13 February 2020 09:00 (20 minutes)

Presenter: MARSHALL, Curtis (NOAA)

Session Classification: Session 4: Humidity

Contribution ID: **19** Type: **not specified**

Experience of using humidity in LAM

Thursday, 13 February 2020 09:20 (20 minutes)

Presenter: SZINTAI, Balazs (OMSZ)

Session Classification: Session 4: Humidity

Contribution ID: **20** Type: **not specified**

Monitoring and use of WVSS data for NWP

Thursday, 13 February 2020 09:40 (20 minutes)

Presenter: CRESS, Alexander (DWD)

Session Classification: Session 4: Humidity

Contribution ID: **21** Type: **not specified**

Discussion

Thursday, 13 February 2020 10:00 (45 minutes)

Session Classification: Session 4: Humidity

Contribution ID: **22** Type: **not specified**

Turbulence reporting (EDR, DEVG), incl. Turbulence Aware

Thursday, 13 February 2020 11:00 (20 minutes)

Presenter: TAYLOR, Stewart (EUMETNET)

Session Classification: Session 5: Turbulence

Contribution ID: **23** Type: **not specified**

Long term trends in upper-level windshear and turbulence

Thursday, 13 February 2020 11:20 (20 minutes)

Presenter: WILLIAMS, Paul (University of Reading)

Session Classification: Session 5: Turbulence

Contribution ID: **24** Type: **not specified**

The use of EDR to build and verify a global turbulence diagnostic

Thursday, 13 February 2020 11:40 (20 minutes)

Presenter: JARON, Oliver (Météo-France)

Session Classification: Session 5: Turbulence

Contribution ID: **25** Type: **not specified**

Discussion

Thursday, 13 February 2020 12:20 (40 minutes)

Session Classification: Session 5: Turbulence

Contribution ID: **26** Type: **not specified**

How will ABO change over the next 10 years?

Thursday, 13 February 2020 14:00 (20 minutes)

Presenter: LOCKETT, Dean (WMO)

Session Classification: Session 6: Future

Contribution ID: **27** Type: **not specified**

Summary of UAV Workshop UAVs

Thursday, 13 February 2020 14:20 (20 minutes)

Presenter: TAYLOR, Stewart (EUMETNET)

Session Classification: Session 6: Future

Contribution ID: **28** Type: **not specified**

User requirements for aircraft-based observations over the next 10 years

Thursday, 13 February 2020 14:40 (20 minutes)

Presenter: PAULEY, Patricia (NRL)

Session Classification: Session 6: Future

Contribution ID: **29** Type: **not specified**

IAGOS

Thursday, 13 February 2020 15:00 (20 minutes)

Presenter: Mr PIGUET, Bruno (Météo-France)

Session Classification: Session 6: Future

Contribution ID: **30** Type: **not specified**

Discussion

Thursday, 13 February 2020 15:20 (40 minutes)

Session Classification: Session 6: Future

Contribution ID: **31** Type: **not specified**

Summary of recommendations, outcomes and actions

Thursday, 13 February 2020 16:30 (1 hour)

Session Classification: Session 7: Outcomes

Contribution ID: **32** Type: **not specified**

Welcome

Wednesday, 12 February 2020 09:00 (5 minutes)

Presenter: BROWN, Andy (ECMWF)

Session Classification: Session 1: Introduction

Contribution ID: **33** Type: **not specified**

Revolutionizing turbulence mitigation

Thursday, 13 February 2020 12:00 (20 minutes)

Presenter: FOX, Stuart (IATA)

Session Classification: Session 5: Turbulence