

ACTRIS-D Annual Meeting 2023

Report of Contributions

Contribution ID: 1

Type: **not specified**

Registration / Light Lunch

Tuesday 13 June 2023 12:00 (1 hour)

Contribution ID: 4

Type: **not specified**

Project Status ACTRIS-D National Facilities

Tuesday 13 June 2023 13:30 (15 minutes)

Presenter: WANDINGER, Ulla (TROPOS)

Session Classification: ACTRIS-D Project

Contribution ID: 5

Type: **not specified**

Project Status ACTRIS-D Central Facilities

Tuesday 13 June 2023 13:45 (15 minutes)

Presenter: HERMANN, Markus (TROPOS)

Session Classification: ACTRIS-D Project

Contribution ID: 6

Type: **not specified**

What does ACTRIS - ERIC mean for our work?

Tuesday 13 June 2023 14:00 (30 minutes)

Presenter: JUUROLA, Eija (ACTRIS Head Office / FMI)

Session Classification: ACTRIS ERIC

Contribution ID: 7

Type: **not specified**

Working towards FAIR data in the IAGOS and ENVRI-FAIR projects

Tuesday 13 June 2023 14:30 (1 hour)

Presenter: PETZOLD, Andreas (Forschungszentrum Jülich)

Session Classification: The European Infrastructure IAGOS and FAIR Data

Contribution ID: 8

Type: **not specified**

Poster Pitch (1 slide each poster)

Tuesday 13 June 2023 16:00 (30 minutes)

Session Classification: Science in ACTRIS: Poster Session

Contribution ID: 9

Type: **not specified**

Poster Presentations

Tuesday 13 June 2023 16:30 (1h 30m)

Session Classification: Science in ACTRIS: Poster Session

Contribution ID: 10

Type: **not specified**

Impact on different chemical regimes on mechanism and SOA formation potential of α -pinene photooxidation

Wednesday 14 June 2023 11:07 (17 minutes)

Presenter: BAKER, Yare (Forschungszentrum Jülich)

Session Classification: Science in ACTRIS: Talks II (15min presentation + 2min discussion)

Contribution ID: 11

Type: **not specified**

SAPHIR STAR: Quick overview and first results

Wednesday 14 June 2023 10:50 (17 minutes)

Presenter: ZORN, Sören (Forschungszentrum Jülich)

Session Classification: Science in ACTRIS: Talks II (15min presentation + 2min discussion)

Contribution ID: 12

Type: **not specified**

Status update of DWD's ACTRIS project regarding the work carried out at Lindenberg

Wednesday 14 June 2023 11:24 (17 minutes)

Presenter: KAYSER, Markus (DWD)

Session Classification: Science in ACTRIS: Talks II (15min presentation + 2min discussion)

Contribution ID: 13

Type: **not specified**

First Results of a Lidar Application within Pre-TEAMx at Innsbruck during Summer 2023

Wednesday 14 June 2023 11:41 (17 minutes)

Presenter: VOGELMANN, Hannes (KIT)

Session Classification: Science in ACTRIS: Talks II (15min presentation + 2min discussion)

Contribution ID: 14

Type: **not specified**

Development of an NO fluroscence instrument

Wednesday 14 June 2023 11:58 (17 minutes)

Presenter: STAINSBY, Aaron (Forschungszentrum Jülich)

Session Classification: Science in ACTRIS: Talks II (15min presentation + 2min discussion)

Contribution ID: 15

Type: **not specified**

Updates from ACTRIS Centre for Cloud Remote Sensing (CCRES) with special focus on the unit for microwave radiometry hosted by University of Cologne/JOYCE

Wednesday 14 June 2023 13:30 (17 minutes)

Presenter: POSPICHAL, Bernhard (University of Cologne)

Session Classification: Science in ACTRIS: Talks III (15min presentations + 2min discussion)

Contribution ID: 16

Type: **not specified**

A measurement campaign in Cabauw, Netherlands using a Mobil FTIR facility

Wednesday 14 June 2023 15:12 (17 minutes)

Presenter: PALM, Mathias (University Bremen)

Session Classification: Science in ACTRIS: Talks III (15min presentations + 2min discussion)

Contribution ID: 17

Type: **not specified**

Aerosol precursor and ultrafine particle measurements in the Frankfurt area

Wednesday 14 June 2023 14:04 (17 minutes)

Presenter: KÜRTEN, Andreas (Goethe University Frankfurt)

Session Classification: Science in ACTRIS: Talks III (15min presentations + 2min discussion)

Contribution ID: **18**

Type: **not specified**

Atmospheric measurements in Ny-Alesund, Svalbard

Wednesday 14 June 2023 14:21 (17 minutes)

Presenter: RITTER, Christoph (AWI)

Session Classification: Science in ACTRIS: Talks III (15min presentations + 2min discussion)

Contribution ID: 19

Type: **not specified**

Development of isoprene+NO₃ chemical mechanisms for atmospheric night-time conditions

Wednesday 14 June 2023 14:38 (17 minutes)

Presenter: CARLSSON, Philip (Forschungszentrum Jülich)

Session Classification: Science in ACTRIS: Talks III (15min presentations + 2min discussion)

Contribution ID: 20

Type: **not specified**

Steering Comitte Meeting (only members of the steering committee)

Wednesday 14 June 2023 17:30 (1 hour)

Session Classification: ACTRIS-D Steering Committee Meeting

Contribution ID: 21

Type: **not specified**

Ceilometer Aerosol Measurement and In-situ Comparison

Wednesday 14 June 2023 14:55 (17 minutes)

Presenter: MÜLLER, Marcus (Forschungszentrum Jülich)

Session Classification: Science in ACTRIS: Talks III (15min presentations + 2min discussion)

Contribution ID: 23

Type: **not specified**

Introduction Labelling of National Facilities

Wednesday 14 June 2023 16:00 (30 minutes)

Presenter: WANDINGER, Ulla (TROPOS)

Session Classification: Questions and Discussion about the Labelling Process in ACTRIS

Contribution ID: 24

Type: **not specified**

Labelling of NFs with gas-phase in -situ instruments

Wednesday 14 June 2023 16:30 (20 minutes)

Presenter: TILLMANN, Ralf (Forschungszentrum Jülich)

Session Classification: Questions and Discussion about the Labelling Process in ACTRIS

Contribution ID: 25

Type: **not specified**

Labelling of NFs with instruments for aerosol in situ properties

Wednesday 14 June 2023 16:50 (20 minutes)

Presenter: WIEDENSOHLER, Ali (TROPOS)

Session Classification: Questions and Discussion about the Labelling Process in ACTRIS

Contribution ID: 26

Type: **not specified**

Labelling of NFs with instruments for cloud in situ properties

Wednesday 14 June 2023 17:10 (10 minutes)

Presenter: HÖHLER, Kristina (KIT)

Session Classification: Questions and Discussion about the Labelling Process in ACTRIS

Contribution ID: 27

Type: **not specified**

Labelling of chamber NFs

Wednesday 14 June 2023 17:20 (10 minutes)

Presenter: FUCHS, Hendrik (Forschungszentrum Jülich)

Session Classification: Questions and Discussion about the Labelling Process in ACTRIS

Contribution ID: 28

Type: **not specified**

Engineering and application of expansion-type cloud simulation chambers

Wednesday 14 June 2023 09:00 (17 minutes)

Presenter: MÖHLER, Ottmar (KIT)

Session Classification: Science in ACTRIS: Talks I (15min presentation + 2min discussion)

Contribution ID: 29

Type: **not specified**

Research at QUAREC

Wednesday 14 June 2023 09:17 (17 minutes)

Presenter: ILLMANN, Niklas (Bergische University Wuppertal)

Session Classification: Science in ACTRIS: Talks I (15min presentation + 2min discussion)

Contribution ID: 30

Type: **not specified**

Lidar algorithmic developments within ACTRIS-CARS

Wednesday 14 June 2023 09:51 (17 minutes)

Presenter: SIOMOS, Nikolaos (LMU)

Session Classification: Science in ACTRIS: Talks I (15min presentation + 2min discussion)

Contribution ID: 31

Type: **not specified**

Progress of the ALC test bed, first brief comparison of measurements

Wednesday 14 June 2023 09:34 (17 minutes)

Presenters: GEISS, Alexander (LMU); WAGNER, Frank (DWD)

Session Classification: Science in ACTRIS: Talks I (15min presentation + 2min discussion)

Contribution ID: **32**

Type: **not specified**

Readiness of the WCCAP as part of the CF CAIS-ECAC

Wednesday 14 June 2023 10:08 (17 minutes)

Presenter: WIEDENSOHLER, Ali (TROPOS)

Session Classification: Science in ACTRIS: Talks I (15min presentation + 2min discussion)

Contribution ID: 33

Type: **not specified**

Simulation Chamber SAPHIR / SAPHIR-PLUS

Thursday 15 June 2023 10:00 (2h 30m)

Presenter: CARLSSON, Philip (Forschungszentrum Jülich)

Session Classification: Visit Forschungszentrum Jülich I

Contribution ID: 34

Type: **not specified**

Simulation Chamber SAPHIR-STAR

Thursday 15 June 2023 10:00 (2h 30m)

Presenter: ZORN, Sören (Forschungszentrum Jülich)

Session Classification: Visit Forschungszentrum Jülich I

Contribution ID: 35

Type: **not specified**

Observational Platform JOYCE

Thursday 15 June 2023 10:00 (2h 30m)

Presenters: BOHN, Birger (Forschungszentrum Jülich); LÖHNERT, Uli (University of Cologne)

Session Classification: Visit Forschungszentrum Jülich I

Contribution ID: 36

Type: **not specified**

Mobile Laboratory MobiLab

Thursday 15 June 2023 10:00 (2h 30m)

Presenters: KLEMP, Dieter; WEGENER, Robert (Forschungszentrum Jülich)

Session Classification: Visit Forschungszentrum Jülich I

Contribution ID: 37

Type: **not specified**

Topical Center CiGas: VOCs

Thursday 15 June 2023 10:00 (2h 30m)

Presenter: TILLMANN, Ralf (Forschungszentrum Jülich)

Session Classification: Visit Forschungszentrum Jülich I

Contribution ID: **38**

Type: **not specified**

ACTRIS NOx Intercomparison

Thursday 15 June 2023 10:00 (2h 30m)

Presenter: ADAM, Max Gerrit (Forschungszentrum Jülich)

Session Classification: Visit Forschungszentrum Jülich I

Contribution ID: 39

Type: **not specified**

Global Observations on Passenger Aircrafts: IAGOS

Thursday 15 June 2023 10:00 (2h 30m)

Presenter: PETZOLD, Andreas (Forschungszentrum Jülich)

Session Classification: Visit Forschungszentrum Jülich I

Contribution ID: 40

Type: **not specified**

Global Observations on Passenger Aircrafts: IAGOS

Thursday 15 June 2023 13:30 (1h 30m)

Presenter: PETZOLD, Andreas (Forschungszentrum Jülich)

Session Classification: Visit Forschungszentrum Jülich II

Contribution ID: 41

Type: **not specified**

Mobile Laboratory MobiLab

Thursday 15 June 2023 13:30 (1h 30m)

Presenters: KLEMP, Dieter (Forschungszentrum Jülich); WEGENER, Robert (Forschungszentrum Jülich)

Session Classification: Visit Forschungszentrum Jülich II

Contribution ID: 42

Type: **not specified**

Observational Platform JOYCE

Thursday 15 June 2023 13:30 (1h 30m)

Presenters: BOHN, Birger (Forschungszentrum Jülich); LÖHNERT, Uli (University of Cologne)

Session Classification: Visit Forschungszentrum Jülich II

Contribution ID: 43

Type: **not specified**

Simulation Chamber SAPHIR / SAPHIR-PLUS

Thursday 15 June 2023 13:30 (1h 30m)

Presenter: CARLSSON, Philip (Forschungszentrum Jülich)

Session Classification: Visit Forschungszentrum Jülich II

Contribution ID: 44

Type: **not specified**

Simulation Chamber SAPHIR-STAR

Thursday 15 June 2023 13:30 (1h 30m)

Presenter: ZORN, Sören (Forschungszentrum Jülich)

Session Classification: Visit Forschungszentrum Jülich II

Contribution ID: 45

Type: **not specified**

ACTRIS NOx Intercomparison

Thursday 15 June 2023 13:30 (1h 30m)

Presenter: ADAM, Max Gerrit (Forschungszentrum Jülich)

Session Classification: Visit Forschungszentrum Jülich II

Contribution ID: 46

Type: **not specified**

Topical Center CiGas: VOCs

Thursday 15 June 2023 13:30 (1h 30m)

Presenter: TILLMANN, Ralf (Forschungszentrum Jülich)

Session Classification: Visit Forschungszentrum Jülich II

Contribution ID: 47

Type: **not specified**

Source Apportionment using Isotope analysis

Thursday 15 June 2023 13:30 (1h 30m)

Presenter: GENSCH, Iluia

Session Classification: Visit Forschungszentrum Jülich II

Contribution ID: 48

Type: **not specified**

Source Apportionment using Isotope analysis

Thursday 15 June 2023 10:00 (2h 30m)

Presenter: GENSCHE, Iluia (Forschungszentrum Jülich)

Session Classification: Visit Forschungszentrum Jülich I

Contribution ID: 49

Type: **not specified**

Upcoming ACTRIS NOx Intercomparison

Wednesday 14 June 2023 13:47 (17 minutes)

Presenter: ADAM, Max Gerrit (Forschungszentrum Jülich)

Session Classification: Science in ACTRIS: Talks III (15min presentations + 2min discussion)

Contribution ID: 50

Type: **not specified**

UBA –Long-term Trend of Ultrafine Particles at the Background Monitoring Sites Waldhof and Zugspitze

Wednesday 14 June 2023 12:15 (17 minutes)

Presenter: ELSASSER, Michael (UBA)

Session Classification: Science in ACTRIS: Talks II (15min presentation + 2min discussion)