

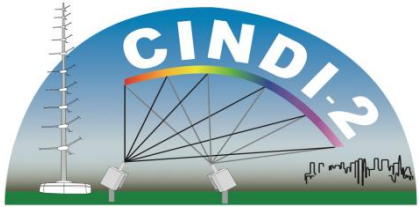
CINDI-2 publication plan

March 2018 update

BELGISCH INSTITUUT VOOR RUIMTE-AERONOMIE INSTITUT D'AERONOMIE SPATIALE DE BELGIQUE BELGIAN INSTITUTE OF SPACE AERONOMY BELGISCH INSTITUUT VOOR RUIMTE-AERONOMIE INSTITUT D'AERONOMIE SPATIALE DE BELGIQUE BELGIAN INSTITUTE OF SPACE AERONOMY BELGISCH INSTITUUT VOOR RUIMTE-AERONOMIE INSTITUT D'AERONOMIE SPATIALE DE BELGIQUE BELGIAN INSTITUTE OF SPACE AERONOMY BELGISCH INSTITUUT VOOR RUIMTE-AERONOMIE INSTITUT D'AERONOMIE SPATIALE DE BELGIQUE BELGIAN INSTITUTE OF SPACE AERONOMY

Main Working Groups:

1. Campaign overview (campaign goals and design, participating instruments, meteorological conditions, etc) – Lead: A. Apituley
2. Semi-blind SCD intercomparison – Lead: K. Kreher and M. Van Roozendael
3. Comparison of MAX-DOAS vertical profile retrieval algorithms based on synthetic data - Lead: U. Frieß
4. Consistency of MAX-DOAS aerosol and trace gas profiling: Results of CINDI-2 Intercomparison Campaign - Lead: L. Tirpitz
5. HONO profile intercomparison (MAX-/LP-DOAS) – Y. Wang
6. Tropospheric O₃ retrieval from MAX-DOAS observations: Description of the method – Y. Wang (submitted on 7/3/2018)
7. Pandora real time profile retrieval algorithm applied to CINDI-1 and -2 data – E. Spinei
8. Assessment of pointing calibration methods applied during CINDI-2 - Lead: S. Donner, T. Wagner



CINDI-2 publication plan

March 2018 update

BELGISCH INSTITUUT VOOR RUIMTE-AERONOMIE INSTITUT D'AERONOMIE SPATIALE DE BELGIQUE BELGIAN INSTITUTE OF SPACE AERONOMY BELGISCH INSTITUUT VOOR RUIMTE-AERONOMIE INSTITUT D'AERONOMIE SPATIALE DE BELGIQUE BELGIAN INSTITUTE OF SPACE AERONOMY BELGISCH INSTITUUT VOOR RUIMTE-AERONOMIE INSTITUT D'AERONOMIE SPATIALE DE BELGIQUE BELGIAN INSTITUTE OF SPACE AERONOMY BELGISCH INSTITUUT VOOR RUIMTE-AERONOMIE INSTITUT D'AERONOMIE SPATIALE DE BELGIQUE BELGIAN INSTITUTE OF SPACE AERONOMY

Other activities:

- Mobile DOAS measurements during CINDI-2, including comparisons with MAX-DOAS azimuth scan data and models - Lead: A. Merlaud
- Aerosol from ancillary observations (CAPS, ceilometer, sun photometer, nephelometer, Raman lidar) – Joint ACTRIS-2/CINDI-2 activities - Lead: B. Henzing
- NO₂ from ancillary observations (CAPS, in-situ ECN, CE-DOAS, LP-DOAS, NO₂ lidar, NO₂ sondes, AirSensEur)
- Glyoxal – Ada Liu (CU-Boulder)
- IUP-Bremen profiling algorithm description (T. Boesch)
- MAPA profiling algorithm description (S. Beirle)
- Centralised CINDI-2 reprocessing (M. Van Roozendael)
- CINDI-2 modeling (A. Hilboll)