



# IVS2016

## Wednesday 16 March 2016

### Oral5: Geodetic and Astrometric Results: Part 1 (12:25-12:50)

-Conveners: Stanislav Shabala; Johannes Boehm

| time  | [id] title   | presenter        |
|-------|--|------------------|
| 12:25 | [42] <i>INVITED TALK:</i> IVS contribution to the ITRF2014 | BACHMANN, Sabine |

### Oral5: Geodetic and Astrometric Results: Part 2 (14:00-15:40)

-Conveners: Stanislav Shabala; Johannes Boehm

| time  | [id] title  | presenter           |
|-------|---|---------------------|
| 14:00 | [64] The IVS Contribution to JTRF2014   | Dr GROSS, Richard   |
| 14:15 | [1] Application of Kalman filtering for the determination of a VLBI terrestrial reference frame | Mr SOJA, Benedikt   |
| 14:30 | [50] VLBI processing at ESOC, the last piece for generating an independent reference frame      | Ms FLOHRER, Claudia |
| 14:45 | [73] Combination of the two radio space geodetic techniques with VieVS during CONT14            | Dr KWAK, Younghee   |
| 15:00 | [117] <i>INVITED TALK:</i> Status of the ICRF3 and Gaia activities                              | Dr CHARLOT, Patrick |
| 15:25 | [25] Aspects of ICRF-3  | Dr MA, Chopo        |

# Thursday 17 March 2016

## Oral5: Geodetic and Astrometric Results: Part 3 (09:00-10:45)

-Conveners: Stanislav Shabala; Johannes Boehm

| time  | [id] title  | presenter              |
|-------|---|------------------------|
| 09:00 | [51] Vienna contribution to the ICRF3   | Mr MAYER, David        |
| 09:15 | [58] Status of the X/S Source Catalog   | Dr GORDON, David       |
| 09:30 | [61] Estimating the Celestial Reference Frame via Intra-Technique Combination                 | Mr IDDINK, Andreas     |
| 09:45 | [66] Selecting sources that define a stable celestial reference frame with the Allan variance | Dr LE BAIL, Karine     |
| 10:00 | [86] Defining Sources Selection and Celestial Reference Frame Stability                       | Mr GATTANO, César      |
| 10:15 | [36] The XKa Celestial Reference Frame: Assessing Accuracy                                    | Mr JACOBS, Christopher |
| 10:30 | [24] About the extension of the coordinate parametrization of radio sources in VLBI           | Dr KARBON, Maria       |

## Oral5: Geodetic and Astrometric Results: Part 4 (11:15-12:45)

-Conveners: Stanislav Shabala; Johannes Boehm

| time  | [id] title   | presenter              |
|-------|--|------------------------|
| 11:15 | [32] ICRF sources: How good is the 'deep' southern sky   | Mr BASU, Sayan         |
| 11:30 | [43] The structure of the radio source 0642+449 detected from CONT14 observations  | Dr XU, Minghui         |
| 11:45 | [49] Images of VLBI calibrators from the BeSSeL survey   | Dr ZHANG, Bo           |
| 12:00 | [100] The Statistic Analysis of Atmospheric Effects of Differential VLBI   | Mr XU, Shuangjing      |
| 12:15 | [41] An Inequality Constrained Least-Squares approach as an alternative estimation procedure for atmospheric parameters from VLBI observations | Mr HALSIG, Sebastian   |
| 12:30 | [2] On the impact of different mapping functions on geodetic and tropospheric products from VLBI data analysis                                 | Mr BALIDAKIS, Kyriakos |

## Oral5: Geodetic and Astrometric Results: Part 5 (14:15-15:15)

-Conveners: Stanislav Shabala; Johannes Boehm

| time  | [id] title  | presenter               |
|-------|---|-------------------------|
| 14:15 | [115] El Nino and VLBI measured LOD   | Dr GIPSON, John         |
| 14:30 | [71] Ultra-rapid earth rotation determination with VLBI during CONT11 and CONT14  | HAAS, Rüdiger           |
| 14:45 | [70] Effects on Earth Orientation Parameters caused by different analysis options | Dr HEINKELMANN, Robert  |
| 15:00 | [4] Tidal atmospheric loading and VLBI  | Mrs GIRDIUK, Anastasiia |