

## **LIST OF POSTERS**

### **Session 1 - The astronomical constants, SI units and future developments in numerical standards**

- 1.1 Débarbat S., Passeron I.: *From old weights and measures to the SI as a numerical standard for the world*
- 1.2 Kudryavtsev S.: *An effect in satellite motion non-modeled by the current numerical standards*

### **Session 2 - Solar system ephemerides and their comparison**

- 2.1 Kaplan G.: *Session 2 Introductory remarks*
- 2.2 Barache C., Bouquillon S., Carlucci T., Deleflie F., Francou G., Manche H., Samain E., Torre J-M.: *Web Interface for Lunar Laser Ranging observations*
- 2.3 Cottureau L.: *A dynamical study of Phoebe's rotation*
- 2.4 Francou G., Simon J.L.: *New analytical planetary theories VSOP2010*
- 2.5 Giorgini J.: *Summary and Status of the Horizons Ephemeris System*
- 2.6 Hilton J, Hohenkerk C.: *A comparison of the high accuracy Planetary Ephemerides DE421, EPM2008, and INPOP08 (Continued)*
- 2.7 Marco F., Martínez, M.J., López J.A.: *Propagation in time of errors for the mutual inclination of satellites*
- 2.8 Weratschnig J., Taylor D.B., Bell S.A., Hilton J., Sinclair A.T.: *Calculation of Lunar Librations in The Astronomical Almanac using JPL Lunar Ephemerides*

### **Session 3: Progress in astrometric catalogs in optical and radio wavelengths**

- 3.1 Andrei A.H., Gontier A.-M. , Barache C., da Silva Neto D.N., Taris F., Bourda G. , LeCampion J.-F., Souchay J., Camargo J.I.B., Pereira Osório J.J. , Assafin M., Vieira Martins R., Bouquillon S., Anton S.: *Gaia Initial Quasar Catalogue – Updates: morphology and variability*
- 3.2 Yatskiv Ya., Bolotin S., Lytvyn S.: *The MAOC08a combined catalogue of radio source positions created in the course of preparation for the ICRF2*

## **Session 4: Recent developments in theory and observation of Earth rotation and related reference systems**

- 4.1 Aleshkina E.: *On correlation between variations in Earth rotation and frequency of earthquakes*
- 4.2 Abarca Del Rio R., Gambis, D.: *Relationship between solar activity and the Earth rotation; re-analyses*
- 4.3 Bizouard C., Lambert S., Remus F., Seoane L., Gambis D.: *The source of the variable Chandler wobble*
- 4.4 Capitaine N., Folgueira, M.: *Earth rotation based on the coordinates of the CIP in the GCRS: solution for a rigid Earth*
- 4.5 Chapanov Y., Gambis D.: *Variations of the Earth main moments of inertia due to glacial cycles for the last 800 Ka*
- 4.6 Hefty J., Gerhatova L., Burgan J.: *Combination of GPS and GLONASS in Precise Point Positioning algorithms and its effect on site coordinates determination*
- 4.7 Kudlay O.: *Solution and an analysis of the general celestial body rotation problem*
- 4.8 Kudryashova M., Lambert S., Defraigne P., Dehant V., Bruyninx C.: *Determination of nutation offsets by combining VLBI/GPS-produced normal equations*
- 4.9 Lambert S., Gontier A.-M., Barache C.: *Operational and research activity at the Paris Observatory VLBI analysis center*
- 4.10 Lambert S., Gontier A.-M.: *Physical characteristics of the ICRF2 quasars*
- 4.11 Malkin Z.: *Using modified Allan variance for time series analysis*
- 4.12 Malkin Z., Miller N.: *Phase variations of the Chandler wobble from 163-yr polar motion series*
- 4.13 Marceta D., Segan S.: *Method for prediction of  $\Delta T$  based on long-periodic terms in the Earth's rate of rotation*
- 4.14 Marco F., Martinez M.: *Applications of simultaneous ground-based and satellite observations*
- 4.15 Martinez M., Marco F.: *Delta T and tidal acceleration values from three European medieval eclipses*
- 4.16 Morcov G.: *About the configuration of the geoid undulations and their kinematics*
- 4.17 Niedzielski T., Kosek W.: *Nonlinear sea level variations in the equatorial Pacific due to ENSO*
- 4.18 Richard J.Y., Gambis D., Bizouard C.: *Earth rotation parameters determined over CONT08 VLBI campaign by the GRGS from the combination of space geodetic techniques*
- 4.19 Ron C., Vondrák J., Stefka V.: *Comparison of the various atmospheric and oceanic angular momentum series*
- 4.20 Stefka V.: *The recent results of non-rigorous combination method of results of space geodetic techniques*
- 4.21 Tian W., Brzezinski, A.: *The interpretation of the high frequency signals in the G-ring laser gyroscope*
- 4.22 Yao K., Capitaine, N.: *Modelling of the Earth orientation and high precision astrometric observation techniques*

## **Session 5: Pulsars timing, relativity and time transfer**

- 5.1 Deng X.-M., Huang T.-Y.: *2PN light propagation and measurement in the solar system*
- 5.2 Dumin Y.: *Perturbation of a Planetary Orbit by the Lambda-Term ("Dark Energy") in Einstein Equations*
- 5.3 Fienga A., Desvignes G., Cognard I., Theureau G.: *Millisecond pulsars and planetary ephemerides: frame ties and other considerations*
- 5.4 Kanj A., Achkar, J.: *Development of the TWSTFT Carrier-Phase technique at LNE-SYRTE*
- 5.5 Le Poncin-Lafitte C., Bertone S.: *Light time calculations for deep space navigation*