List of posters

(in alphabetic order for each session)

The Poster Session will be held on Monday 16 September, 16:15-18:00, at Ecole Normale Supérieure
The posters will be posted during the whole duration of the *Journées*.

Session 1 : Theoretical aspects of reference systems

1.1 Arminjon M.: *On the definition of a reference frame and the associated space in a general spacetime*

1.2 Hees A., Bertone S., Le Poncin-Lafitte C.: *The Time Transfer Function as a tool to compute range, Doppler and astrometric observables*

1.3 Khelifa S.: *Noise characteristics in DORIS position time series derived from IGN-JPL, INASAN and CNES-CLS analysis centres*

1.4 Kudryavtsev S.: *Corrections to the IERS amplitudes of variations of the geopotential coefficients due to frequency dependence of Love numbers*

1.5 Malkin Z.: *On the Galactic aberration constant*

1.6 Nicolaïdis E., Débarbat S., Malpangotto M., Eisensdaedt J., Blay M., Toulemonde M., Dimarcq N., Delva P., Lautier J., Meynadier F., Bizouard C.: *OMIM, an interdisciplinary group at SYRTE*

1.7 Qi Z., Yu Y., Tang Z., Zhao M.: *Astrometric Support for the Lunar-based Ultraviolet Telescope*

Session 2 : The Next ICRF - Progress and developments

2.1 Coelho B., Andrei A., Antón S.: *The SDSS quasars as a testbench for the Gaia fundamental reference frame grid-points*

2.2 de Witt A., Horiuchi S., Jacobs C., Jung T., Lovel J., McCallum J., Ojha R., Quick J., Sohn B.W., Bertarini A.: *Experimental plan for improving the K-band Celestial Frame*

2.3 Lambert S., Arias E. F., Souchay J.: *VLBI representations of the celestial reference system*

2.4 Marco F.J., Martinez, M.J, Lopez, J.A.: *An accurate and stable mixed method to obtain coefficients in VSH developments of residuals from ICRF2- Catalog differences*

2.5 Marco F.J., Martinez, M.J, Lopez, J.A.: *About homogeneity in combined catalogs*

2.6 Martinez, M.J, Marco F.J., Lopez, J.A.: *Problems caused by biased data in models of catalog adjustment*

2.7 Raposo-Pulido V., Heinkelmann R., Nilsson T., Karbon M., Schuh H., Gómez-Gónzalez J.: *Effects of the datum configuration of radio sources on the EOP determined by VLBI*

Session 3 : Atomic and pulsar-based timescales - Progress and developments

3.1 Chupin B., Abgrall M., Bize S., Guéna J., Laurent P., Rosenbusch P., Rovera G., Uhrich P.: *The new UTC(OP) based on the LNE-SYRTE atomic fountains*

3.2 Meynadier F., Delva P., Le Poncin Lafitte C., Guerlin C., Laurent P., Wolf P.: *ACES Micro-wave Link data analysis - status update*

3.3 Song Y., Hu X., Huang Y.: *Prediction of the Atomic clock bias for COMPASS Satellites*

Session 4b : Earth Rotation - Modelling and observations

4.1 Hui H., Vondrák J., Youjin S.: *Anomalies of astronomical time-latitude residuals at YAO before Wenchuan Earthquake*

4.2 Lopes P., Barache C., Richard J.Y., Bizouard C., Gambis D. *Prediction of EOPs using the artificial neural network: Revisiting the method*

4.3 Malkin Z.: *On detection of the free inner core nutation from VLBI data*

4.4 Nagalski T.: *Analysis of EWT maps from GRACE mission and land hydrology data*

4.5 Perepelkin V., Bondarenko V.V., Markov Yu.G.: *Amplitude-frequency analysis of the Earth orientation parameters and the variation of the second zonal harmonic of the geopotential*

4.6 Skurikhina E., Ipatov A., Smolentsev S., Kurdubov S., Gayazov I., Diyakov A., Schpilevsky V.: *CONT11 - High-Frequency Earth Rotations Variations from VLBI Observations*

Session 5 : Solar System Dynamics - Theory, modelling and numerical standards

5.1 Hestroffer D., David P., Saillenfest M.: *Local test of General Relativity with Solar System objects*

5.2 Hilton J., Acton A., Arlot J.-E., Bell, S.A., Capitaine N., Fienga A., Folkner W.M., Gastineau M., Pavlov D., Pitjeva E.V., Skripnichenko V.I., Wallace P.T.: *Progress Report: The IAU Commission 4 Working Group on Standardizing Access to Ephemerides and File Format Specification*

5.3 Hohenkerk C.: *SOFA - Authoritative Tools and Standard Models*

5.4 Ivanova T.: *On Solution of the secular system in the analytical Moon's theory*

5.5 Ivantsov A., Eggl S., Hestroffer D., Thuillot W.: *On future opportunities to observe gravitational scattering of main belt asteroids into NEO source regions*

5.6 Nelmes S., Hohenkerk C.: *Comparisons of Ephemerides*

5.7 Souami D., Sicardy B., Renner S., Carry B., Dumas C.: *Neptune's ring arcs: VLT/NACO near-infrared observations*

5.8 Souami D., Lemaitre A., Souchay J.: *On the spatial distribution of Main Belt Asteroids*

5.9 Thuillot W., Lainey V., Arlot J.-E., Dehant V., Oberst J., Gurvits, L., Hussmann H., Marty J.C., Rosenblatt P., Vermeersen B.: *Recent activities of the FP7-ESPaCE consortium*