

What's happening at NAIF? B. V. Semenov¹, ¹Navigation and Ancillary Information Facility (NAIF), California Institute of Technology/Jet Propulsion Laboratory, MS 301-121, 4800 Oak Grove Drive, Pasadena, CA 91109, Boris.Semenov@jpl.nasa.gov.

Overview: This talk will provide an overview of the current activities that take place at and capabilities and data available from the Navigation and Ancillary Information Facility (NAIF). It will briefly touch on the continuing development of the current SPICE toolkit [1][2], development of the next generation SPICE toolkit (SPICE2.0), recently released new versions of the web interface to SPICE, WebGeoCalc, and 3D mission trajectory visualization application, Cosmographia, SPICE support for the current US and international planetary missions, and on-going archiving of SPICE data in the Planetary Data system.

References: [1] Acton, C.H. (1996) PSS, 44 No. 1, pp. 65-70. [2] Acton C.H., Bachman N.J., Semenov B.V., Wright E.D. PSS (2017), DOI 10.1016/j.pss.2017.02.013.

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