

## Publication list of Michael Schindelegger (As of 15 February 2016)

[peer-reviewed]

Schindelegger M., Einšpigel D., Salstein D., Böhm J. (2016), The global  $S_1$  tide in Earth's nutation. *Surveys in Geophysics*, online first, doi:10.1007/s10712-016-9365-3.

[peer-reviewed]

Schindelegger M., Dobslaw H. (2016), A global ground truth view of the lunar air pressure tide  $L_2$ . *Journal of Geophysical Research: Atmospheres*, 121 (1), 95–110, doi:10.1002/2015JD024243.

[peer-reviewed]

Böhm J., Möller G., Schindelegger M., Pain G., Weber R. (2015), Development of an improved empirical model for slant delays in the troposphere (GPT2w). *GPS Solutions*, 19 (3), 433–441, doi:10.1007/s10291-014-0403-7.

Schindelegger M., Böhm J., Salstein D. (2015), The global  $S_1$  tide and Earth's nutation. In Z. Malkin and N. Capitaine (eds.) *Proceedings of the Journées 2014 "Systèmes de Référence Spatio-Temporels"*, Pulkovo Observatory, pp. 145–150.

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Schindelegger M., Ray R.D. (2014), Surface pressure tide climatologies deduced from a quality-controlled network of barometric observations. *Monthly Weather Review*, 142 (12), 4872–4889, doi:10.1175/MWR-D-14-00217.1.

Schindelegger M. (2014), Atmosphere-induced short period variations of Earth rotation. *Geowissenschaftliche Mitteilungen*, Heft 96, Department für Geodäsie und Geoinformation, TU Wien, 172 pp.

Schindelegger M., Böhm J., Salstein D. (2014), Analysis of atmosphere-excited intraseasonal polar motion via the torque approach. In: Capitaine N. (ed.) *Proceedings of the Journées 2013 "Systèmes de Référence Spatio-Temporels"*, Observatoire de Paris, pp. 185–188.

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Schindelegger M., Salstein D., Böhm J. (2013), Recent estimates of Earth-atmosphere interaction torques and their use in studying polar motion variability. *Journal of Geophysical Research: Solid Earth*, 118 (8), 4586–4598, doi:10.1002/jgrb.50322.

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Schindelegger M., Böhm J., Salstein D. (2013), Seasonal and intra-seasonal polar motion variability as deduced from atmospheric torques. *Journal of Geodesy and Geoinformation*, 1 (2), 89–95, doi:10.9733/jgg.231112.1.

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Lagler K., Schindelegger M., Böhm J., Krásná H., Nilsson T. (2013), GPT2: Empirical slant delay model for radio space geodetic techniques. *Geophysical Research Letters*, 40 (6), 1069–1073, doi:10.1002/grl.50288.

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Schindelegger M., Böhm S., Böhm J., Schuh H. (2013), Atmospheric effects on Earth rotation. In: Böhm J., Schuh H. (eds.) *Atmospheric effects in space geodesy*. Springer, pp. 181–231, doi:10.1007/978-3-642-36932-2\_6.

Nilsson T., Böhm J., Schindelegger M., Schuh H. (2012), High frequency Earth rotation parameters estimated from the CONT campaigns. In: Behrend D., Baver K. (eds.) *IVS 2012 General Meeting Proceedings*, NASA Goddard Space Flight Center, Greenbelt MD, pp. 390–394.

Schindelegger M., Böhm J., Schuh H., Salstein D. (2012), The signature of atmospheric tides in sub-daily variations of Earth rotation as unveiled by globally-gridded atmospheric angular momentum functions. In: Schuh H., Böhm S., Nilsson T., Capitaine N. (eds.) *Proceedings of the Journées 2011 "Systèmes de Référence Spatio-Temporels"*, Vienna University of Technology and Observatoire de Paris, pp. 140–143.

Böhm S., Nilsson T., Schindelegger M., Schuh H. (2012), Atmospheric and oceanic excitation of Earth rotation. In Schuh H., Böhm S., Nilsson T., Capitaine N. (eds.) *Proceedings of the Journées 2011 "Systèmes de Référence Spatio-Temporels"*, Vienna University of Technology and Observatoire de Paris, pp. 101–106.

Schindelegger M., Böhm J., Schuh H., Salstein D. (2011), High-resolution atmospheric angular momentum functions from different ECMWF data classes. In N. Capitaine (ed.) *Proceedings of the Journées 2010 "Systèmes de Référence Spatio-Temporels"*, Observatoire de Paris, pp. 180–183.

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Karbon M., Wijaya D., Schindelegger M., Böhm J., Schuh H. (2011), Atmospheric effects on the Earth gravity field featured by TU Vienna. In: Böhm J., Reiterer A., Rottensteiner F., Woschitz H. (eds.) *Österreichische Zeitschrift für Vermessung und Geoinformation, Special Issue for the XXV General Assembly of the International Union of Geodesy and Geophysics (IUGG)*, Melbourne, Australia, Heft 2/2011, pp. 122–130.

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Schindelegger M., Böhm J., Salstein D., Schuh H. (2011), High-resolution atmospheric angular momentum functions related to Earth rotation parameters during CONT08. *Journal of Geodesy*, 85 (7), 425–433, doi:10.1007/s00190-011-0458-y.