Tilman Sauer

List of Publications, Date: February 15, 2021

Books

Co-authored Books:

- Janssen, Michel, John Norton, Jürgen Renn, T.S., and John Stachel. *The Genesis of General Relativity* (ed. J. Renn) *Vol. 1. Einstein's Zurich Notebook: Introduction and Source*, Springer, 2007.
- Janssen, Michel, John Norton, Jürgen Renn, T.S., and John Stachel. *The Genesis of General Relativity* (ed. J. Renn) *Vol. 2. Einstein's Zurich Notebook: Commentary and Essays*, Springer, 2007.

  (Reviewed in: *General Relativity and Gravitation* 41 (2009): 661–668;

  ISIS 100 (2009): 185–186)

Co-edited Books:

- Claus Beisbart, T.S. and Wüthrich, Chris, eds. *Thinking About Space and Time.* New York: Springer, 2020 (Einstein Studies Vol. 15).
- David E. Rowe, T.S. and Walter, Scott, eds. *Beyond Einstein. Perspectives on Geometry, Gravitation, and Cosmology in the Twentieth Century.* New York: Springer, 2018 (Einstein Studies Vol. 14).
- T.S. and Scholl, Raphael, eds. *The Philosophy of Historical Case Studies.* New York: Springer, 2016 (Boston Studies in the Philosophy and History of Science Vol. 319).

  (Reviewed in: *Metascience* 26 (2017): 211–214)
- T.S. and Wüthrich, Adrian, eds. *New Vistas on Old Problems. Current Approaches to the Foundations of Quantum Mechanics.* Max-Planck-Gesellschaft: edition-open-access, 2013 (Proceedings of an international symposium at the University of Bern, Juni 2011).
- T.S. and Ulrich Majer (eds.) *David Hilbert's Lectures on the Foundations of Physics, 1915–1927: Relativity, Quantum Theory, and Epistemology.* Berlin: Springer Verlag, 2009.

  (Reviewed in: *Metascience* 23 (2014): 97–100;
- Goenner, Hubert, Jürgen Renn, Jim Ritter, and T.S., eds. *The Expanding Worlds of General Relativity.* Boston, Basel, Berlin: Birkhäuser, 1999 (Einstein Studies, Vol. 7).

The Collected Papers of Albert Einstein:

- Buchwald, Diana, Ze'ev Rosenkranz, Jòszef Illy, Daniel J. Kennefick, A. J. Kox, Dennis Lehmkuhl, T.S. and Jennifer Nollar James, eds. *The Collected Papers of Albert Einstein. Volume 16. The Berlin Years: Writings and Correspondence, June 1927–May 1929.* Princeton University Press, 2021.

- Buchwald, Diana, Jòszef Illy, Ze'ev Rosenkranz, T.S. and Osik Moses, eds. *The Collected Papers of Albert Einstein. Volume 14. The Berlin Years: Writings and Correspondence, April 1923–May 1925.* Princeton University Press, 2015.

- Buchwald, Diana, Jòszef Illy, Ze'ev Rosenkranz, T.S., eds. *The Collected Papers of Albert Einstein. Volume 13. The Berlin Years: Writings and Correspondence, January 1922–March 1923.* Princeton University Press, 2012.

- Buchwald, Diana, Ze'ev Rosenkranz, T.S., Jòszef Illy, Virigina Iris Holmes, eds. *The Collected Papers of Albert Einstein. Volume 12. The Berlin Years: Correspondence, January–December 1921.* Princeton: Princeton University Press, 2009.

- Kox, A.J., T.S., Diana Buchwald, Rudy Hirschmann, Ben Aronin, Jennifer Stolper, eds. *The Collected Papers of Albert Einstein. Volume 11. Cumulative Index, Bibliography, List of Correspondence, Chronology, and Errata for Volumes 1–10.* Princeton: Princeton University Press, 2009 (available online at http://press.princeton.edu/titles/8953.html).

  (The volume won the Wheatley medal for the best index of the year 2009.)

- Buchwald, Diana, T.S., Ze'ev Rosenkranz, Jòzsef Illy, Virginia I. Holmes, eds. *The Collected Papers of Albert Einstein. Volume 10. The Berlin Years: Correspondence, May–December 1920; Supplementary Correspondence, 1909–1920.* Princeton, N.J.: Princeton, 2006.

- Buchwald, Diana, Robert Schulmann, Jòzsef Illy, Daniel Kennefick, and T.S., eds. *The Collected Papers of Albert Einstein. Volume 9. The Berlin Years: Correspondence, January 1919–April 1920.* Princeton, N.J.: Princeton University Press, 2004.

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- Klein, Martin J., A.J.Kox, Jürgen Renn, and Robert Schulmann, eds. *The Collected Papers of Albert Einstein. Volume 3. The Swiss Years Writings, 1909-1911.* Princeton, N.J.: Princeton University Press, 1993 (contributing editor).

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- Buchwald, Diana, Ze'ev Rosenkranz, T.S., and Orly Simon. *Einstein Archives Online* at www.alberteinstein.info (launched on May 19, 2003, relaunched under the auspices of the Hebrew University, Jerusalem, in 2012)

Articles — History and Philosophy of Science:

▶ = peer reviewed

116. ▶ T.S and T. Schütz. "Einstein on involutions in projective geometry." *Archive for History of Exact Sciences*, 2021: online first. https://doi.org/10.1007/s00407-020-00270-z

115. ▶ T.S. and T. Schütz. "Einstein's Washington Manuscript." *Berichte zur Wissenschaftsgeschichte/History of Science and Humanities* 44 (2021): 1–12.

114. T.S., "Introduction." In *Einstein Was Right. The Science and History of Gravitational Waves.* ed. J. Buchwald. Princeton: Princeton University Press, 2020, pp. 1–5.

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112. ▶ T.S. "Einstein's working sheets and his search for a unified field theory" *European Physics Journal H* 44 (2019), 371–379.

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109. ▶ J. Heitholt und T. Sauer, "Jakob Köbels Feldmessung: Elementare Fehler oder strategische Vereinfachungen." *Mathematische Semesterberichte*, 66(2019): 179202.

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105. C. Beisbart, T.S., C. Wüthrich. "Thinking about Space and Time: 100 Years of Applying and Interpreting General Relativity." *SPG-Mitteilungen—Communications de la SSSP* 54 (2018): 30–33.

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101. T. Räz and T.S. "The Collaboration between Marcel Grossmann and Albert Einstein as a Case of the Application of Mathematics." In *Proceedings of the 14th Marcel Grossmann Meeting on Recent Developments in Theoretical and Experimental General Relativity, Astrophysics, and Relativistic Field Theories (MG14), Rome, Italy, July 12-18, 2015*, M: Bianchi, R.T. Jantzen, R. Ruffini (eds.) World Scientific, 2017, pp. 3368–3371.

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98. T.S. "Biography of an idea: the case of gravitational lensing." *SPG-Mitteilungen—Communications de la SSSP* 50 (2016): 53–56 (invited article).

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