
Peer-reviewed publications

T. Schlemm, **J. Feldmann**, R. Winkelmann, and A. Levermann. *Stabilizing effect of mélange buttressing on the marine ice-cliff instability of the West Antarctic Ice Sheet*. The Cryosphere 16 (2022), 1979–1996.

J. Feldmann, R. Reese, R. Winkelmann, and A. Levermann. *Shear-margin melting causes stronger transient ice discharge than ice-stream melting according in idealized simulations*. The Cryosphere 16 (2022), 1927–1940.

S. L. Cornford, H. Seroussi, X. S. Asay-Davis, G. H. Gudmundsson, R. Arthern, C. Borstad, J. Christmann, T. Dias dos Santos, **J. Feldmann**, D. Goldberg, M. J. Hoffman, A. Humbert, T. Kleiner, G. Leguy, W. H. Lipscomb, N. Merino, G. Durand, M. Morlighem, D. Pollard, M. Rückamp, C. R. Williams and H. Yu. *Results of the third Marine Ice Sheet Model Intercomparison Project (MISMIP+)*. The Cryosphere 14 (2020), 2283–2301.

J. Feldmann and A. Levermann. *Stabilizing the West Antarctic Ice Sheet by surface mass deposition*. Science Advances 5 (2019)

A. Levermann and **J. Feldmann**. *Scaling of instability time-scales of Antarctic outlet glaciers based on one-dimensional similitude analysis*. The Cryosphere 13 (2019), 1621–1633.

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J. Feldmann and A. Levermann. *From cyclic ice streaming to Heinrich-like events: the grow-and-surge instability in the Parallel Ice Sheet Model*. The Cryosphere 11 (2017), 1913–1932.

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J. Feldmann, T. Albrecht, C. Khroulev, F. Pattyn and A. Levermann. *Resolution-dependent performance of grounding line motion in a shallow model compared to a full-Stokes model according to the MISMIP3d intercomparison*. Journal of Glaciology 60(220) (2014), 353-360.