

Reference list

Relevant publications

Rippe, D., Jordan, M., Romdhane, A., Eliasson, P., and Schmidt-Hattenberger, C. Hybrid structural petrophysical joint inversion as a novel inversion technique: Application to CO₂ monitoring at the Ketzin pilot site, prepared for publication in *Geophysical Journal International*

Jordan, M., Alumbaugh, D., Glubokovskikh, S., Macquet, M., Rippe, D. Joint inversion of cross-well seismic and ERT at the Field Research Station, Canada; Jordan, M., Alumbaugh, D., Glubokovskikh, S., Macquet, M., Rippe, D., in preparation for *IJGHG*

Jordan, M., Pavez-Orrego, C., Macquet, M., Kolkman-Quinn, B., Rippe, D. CO₂ monitoring using joint inversion of VSP seismic and ERT data at the Field Research Station, Canada, in preparation for *IJGHG*
Mark Lowey. aCQurate project developing integrated CO₂ storage monitoring, *Carbon Capture Journal*, Nov/Dec 2017, Issue 60

“Invited talk”

Jordan, M., Rippe, D., Romdhane, A., Eliasson, P., (2022). Hybrid structural-petrophysical joint inversion of different geophysical data types for improved reservoir monitoring. *Multiple Approaches to Time-Lapse Monitoring for Carbonate Reservoirs Workshop*. SEG Workshop, Abu Dhabi, May, 24th-26th.

Presentations

Rippe, D., Strom, A., Schmidt-Hattenberger, C., Jordan, M., Lawton, D., Saeedfar A. (2017), Electrical resistivity tomography for CO₂ migration monitoring at the Field Research Station near Brooks, AB (Canada), Annual meeting of the German Geophysical Society, March 27.–30., Potsdam, Germany

Jordan, M., Rippe, D., Schmidt-Hattenberger, C., & Romdhane, A. (2017). Joint Inversion for Improved CO₂ Monitoring at the Ketzin Pilot Site, Germany. In *EAGE/SEG Research Workshop 2017* (pp. cp-522). European Association of Geoscientists & Engineers.

Jordan, M., Rippe, D., Romdhane, A., & Schmidt-Hattenberger, C. (2018). CO₂ monitoring at the Ketzin pilot site with joint inversion: Application to synthetic and real data. In *Fifth CO₂ Geological Storage Workshop* (Vol. 2018, No. 1, pp. 1-5). European Association of Geoscientists & Engineers.

Rippe, D., Jordan, M., Romdhane, A., Schmidt-Hattenberger, C., Macquet, M., & Lawton, D. (2018). Accurate CO₂ monitoring using quantitative joint inversion at the CaMI Field Research Station (FRS), Canada. In *14th International Conference on Greenhouse Gas Control Technologies-GHGT-14*.

Jordan, M., Rippe, D., Romdhane, A., Macquet, M., & Lawton, D. C. (2019). CO₂ Monitoring Using Hybrid Structural-Petrophysical Joint Inversion at the CaMI Field Research Station (CaMI. FRS), Canada. *AGU Fall Meeting, 2019*, S31E-0566.

Jordan, M., Rippe, D., aCQurate project team (2019). Joint inversion for quantitative imaging of reservoir parameters and ERT data acquisition at CaMI.FRS. IEAGHG Monitoring Network and Environmental Research Network Workshops 2019, Calgary, AB, Canada, 19-23 Aug 2019.

Jordan, M., Rippe, D., Romdhane, A., Schmidt-Hattenberger, C., Lawton, D., Macquet, M. (2019). Joint inversion of synthetic monitoring data for a realistic model from CaMI Field Research Station (FRS), Canada. 10th International Trondheim CCS Conference-TCCS-10, Trondheim, Norway, 17-19 Jul 2019.

Rippe, D., Jordan, M., Schmidt-Hattenberger, C., Lawton, D., Macquet, M. (2019). Monitoring activities at the CaMI Field Research Station in Brooks, AB, Canada. 2nd Pre-ACT Stakeholder Workshop. Mission: Safe and cost-effective CO₂ storage for European Industries. Brussels, Belgium, 10 Oct 2019.

Jordan, M., Rippe, D., Romdhane, A., Macquet, M., Lawton, D. (2019). CO₂ Monitoring Using Hybrid Structural-Petrophysical Joint Inversion at the CaMI Field Research Station (CaMI.FRS), Canada. 2019 Fall Meeting, AGU, San Francisco, CA, USA, 9-13 Dec 2019. S31E-0566.

Jordan, M., Rippe, D., Romdhane, A., Macquet, M., & Lawton, D. C. (2019). CO₂ Monitoring Using Hybrid Structural-Petrophysical Joint Inversion at the CaMI Field Research Station (CaMI. FRS), Canada. *AGUFM, 2019*, S31E-0566.

Rippe, D., Jordan, M., Macquet, M., Lawton, D., Romdhane, A., & Eliasson, P. (2020). Quantitative CO₂ monitoring at the CaMI Field Research Station (CaMI. FRS), Canada, using a hybrid structural-petrophysical joint inversion. In *EGU General Assembly Conference Abstracts* (p. 8163).

Jordan, M., Rippe, D., Romdhane, A., Eliasson, P., Dupuy, B., Macquet, M., Lawton, D. (2020). Towards quantitative CO₂ monitoring using hybrid joint inversion. SEG Postconvention Workshop, Society of Exploration Geophysicists

Rippe, D., Jordan, M., Romdhane, A., Schmidt-Hattenberger, C., Macquet, M., & Lawton, D. (2020). Hybrid structural-petrophysical joint inversion for CO₂ monitoring-examples from Ketzin and CaMI. FRS CO₂ pilot sites. In *AGU Fall Meeting Abstracts* (Vol. 2020, pp. S009-0002).

Jordan, M., Rippe, D., Anouar, R., Eliasson, P., & Schmidt-Hattenberger, C. (2022). Hybrid Structural Petrophysical Joint Inversion as a Novel Inversion Technique for CO₂ Monitoring. In *EAGE GeoTech 2022 Sixth EAGE Workshop on CO₂ Geological Storage* (Vol. 2022, No. 1, pp. 1-5). European Association of Geoscientists & Engineers.

Jordan, M., Rippe, D., Romdhane, A., Eliasson, P., Dupuy, B., Macquet, M., Lawton, D. (2020). Towards quantitative CO₂ monitoring using hybrid joint inversion. SEG Postconvention Workshop, Society of Exploration Geophysicists