General Rotational Seismology

Title	Disclosure	Date	Permalink
Performance of a Rotational Sensor to Decipher Volcano Seismic Signals on Etna, Italy Eva. P. S. Eibl and al.	JGR Solid Earth	May 2022	https://agupubs.onlinelibrary.wiley.com/doi/10.1029/2021JB023617?af=R
A Low Noise Model for Rotational Ground Motions Heiner Igel and al.	EGU 2022	May 2022	https://meetingorganizer.copernicus.org/EGU22/EGU22-3112.html
Analytical developments on 6C computation inspired by navigation algorithms Baptiste Pinot, iXblue, and al.	EGU 2022	May 2022	https://meetingorganizer.copernicus.org/EGU22/EGU22-13355.html
Rotation, Strain, and Translation Sensors Performance Tests with Active Seismic Sources Felix Bernauer et al.	Sensors 2021, 21	January 2021	https://doi.org/10.3390/s21010264
Multiple 6C-station Huddle Test in Fürstenfeldbruck, Germany Gizem Izgi, et al.	EGU 2020	May 2020	https://www.researchgate.net/publication/342159476_Multiple_6C-station_Huddle_Test_in_Furstenfeldbruck_Germany

Gravimetry

Title	Disclosure	Date	Permalink
Detecting volcano-related underground mass changes with a quantum gravimeter L. Antoni-Micollier and al.	Geophysical Research Letters	June 2022	https://agupubs.onlinelibrary.wiley.com/doi/10.1029/2022GL097814
Gravity measurements below 10^{-9} g with a transportable absolute quantum gravimeter V. Menoret and al.	Nature Scientific Report, 8:12300 (2018)	August 2018	https://www.ixblue.com/wp-content/uploads/2021/12/gravity-measutement-below-10-9-with-a-transportable-absolute-quantum-gravimeter.pdf
The added value of time-variable microgravimetry to the understanding of how volcanoes work D. Carbone and al.	Earth-Science Rev. 169, 146 – 179 (2017)	June 2017	https://www.sciencedirect.com/science/article/abs/pii/S0012825216302598?via%3Dihub
Geophysics From Terrestrial Time-Variable Gravity Measurements M. Van Camp and al.	Rev. Geophys. (2017)	September 2017	https://agupubs.onlinelibrary.wiley.com/doi/full/10.1002/2017RG000566

Cold-atom absolute gravimetry F. Pereira Dos Santos and al.	Encyclopedia of Geodesy, pp 1-6 (2016)	2016	https://www.researchgate.net/profile/Bonvalot_Sylvain/publication/308012738_Cold-Atom_Absolute_Gravimetry/links/5e075a7d4585159aa49fc519/Cold-Atom-Absolute-Gravimetry.pdf
Stability comparison of two absolute gravimeters at their best capabilities: optical versus atomic interferometers P. Gillot and al.	Metrologia 51, L15-L17 (2014)	June 2014	https://iopscience.iop.org/article/10.1088/0026-1394/51/5/L15

Ocean-bottom system

Title	Disclosure	Date	Permalink
Sea-floor ground rotation observations: potential for improving signal-to-noise ratio on horizontal OBS components Fabian Lindner; et al.	SRL paper	2016	https://doi.org/10.1785/0220160051

Volcanology & tectonic

Title	Disclosure	Date	Permalink
Gas detection and quantification using iXblue echoes high-resolution sub-bottom profiler and Seapix 3D multibeam echosounder from the Laacher See (Germany) Jouve G. and al.	International Conference on Seafloor Landforms, Processes and Evolution, La Valette, Malta	4-6 July 2022	https://www.ixblue.com/wp-content/uploads/2021/12/jouve-et-al-ieee-2021.pdf
Monitoring gas dynamics in underwater volcanic environments using iXblue SeapiX multi split beam echosounder: an example from the Laacher See (Eifel, Germany) Jouve G. and al.	EGU 2022	12-16 June 2022, Heraklion, Greece.	https://meetingorganizer.copernicus.org/EGU22/EGU22-3583.html
Gas detection and quantification using iXblue Echoes high-resolution sub-bottom profiler and Seapix 3D multibeam echosounder from the Laacher See (Eifel, Germany) Jouve G. and al.	OCEANS 2021 San Diego – Porto	2021	https://ieeexplore.ieee.org/document/9705839
Tectonic constraints on submarine hydrothermal activity, degassing, and subseafloor gas storage (Milos Shallow Water Hydrothermal System, Greece) Escartin J. and al.	EGU 2021	April 2021	https://doi.org/10.5194/egusphere-egu21-12597, 2021

Geophysical evidence of gas seepage and mass movement in the Laacher See volcanic lake, western Germany Albers S. and al.	EGU 2021	April 2021	https://doi.org/10.5194/egusphere-egu21-1338, 2021
Six-Axis Ground Motion Measurements of Caldera Collapse at Kīlauea Volcano, Hawai'i—More Data, More Puzzles? J. Wassermann, et al.	Geophysical Research Letters	March 2020	https://doi.org/10.1029/2019GL085999

BlueSeis-3A

Title	Disclosure	Date	Permalink
BlueSeis3A -full characterization of a 3C broadband rotational seismometer	SRL paper	2018	https://doi.org/10.1785/0220170143

Geodesy

Title	Disclosure	Date	Permalink
Active Strike-Slip Fault Monitoring Using Marine Geodesy, Offshore Mt Etna, Sicily (Italy) J-Y Royer and al.	EGU 2022	May 2022	https://meetingorganizer.copernicus.org/EGU22/EGU22-8264.html
Monitoring a submarine strike-slip fault, using a fiber optic strain cable M-A Gutscher and al.	EGU 2022	May 2022	https://meetingorganizer.copernicus.org/EGU22/EGU22-7182.html

Archeology

Title	Disclosure	Date	Permalink
Stratigraphic record of lagoonal management since Antiquity: insights from sediment core analysis and sub-bottom profiling, lagoon of Orbetello, Italy G. Jouve and al.	ICG2022-22 – Session Geoarchaeology	September 2022	upcoming

Seismometers alignment

Title	Disclosure	Date	Permalink
Seismometer North orientation	Website	2017	http://nnsn.geo.uib.no/eworkshop/index.php?n=Main.Orientation

Please let us know any missing reference, or additional ones!