

Forthcoming papers*

Éric Beucler and Jean-Paul Montagner: Computation of Large Anisotropic Seismic Heterogeneities (CLASH)

Zheqiang Shi and Yehuda Ben-Zion: Dynamic rupture on a bimaterial interface governed by slip-weakening friction

Martin Reyners, Donna Eberhart-Phillips, Graham Stuart and Yuichi Nishimura: Imaging subduction from the trench to 300 km depth beneath the central North Island, New Zealand, with V_p and V_p/V_s

N. N. Ambraseys: Comparison of frequency of occurrence of earthquakes with slip rates from long-term seismicity data: the cases of Gulf of Corinth, Sea of Marmara and Dead Sea Fault Zone

Xiaohui Yuan, Rainer Kind, Xueqing Li and Rongjiang Wang: The S receiver functions: synthetics and data example

Göran Ekström: A simple method of representing azimuthal anisotropy on a sphere

Tatsuhiko Saito: Synthesis of scalar-wave envelopes in two-dimensional weakly anisotropic random media by using the Markov approximation

Ari Tryggvason and Björn Bergman: A traveltime reciprocity discrepancy in the Podvin & Lecomte *time3d* finite difference algorithm

Luigi Vigliotti: Secular variation record of the Earth's magnetic field in Italy during the Holocene: constraints for the construction of a master curve

J. Kim Welford and Ron M. Clowes: Three-dimensional seismic reflection investigation of the upper crustal Winagami sill complex of northwestern Alberta, Canada

Aria Abubakar, Peter M van den Berg and Tarek M Habashy: An integral equation approach for 2.5-dimensional forward and inverse electromagnetic scattering

Hideo Aochi, Marc Cushing, Oona Scotti and Catherine Berge-Thierry: Estimating rupture scenario likelihood based on dynamic rupture simulations: the example of the segmented Middle Durance fault, southeastern France

Nina N. Lebedeva-Ivanova, Yury Ya. Zamansky, Aldona E. Langinen and Michael Yu. Sorokin: Seismic profiling across the Mendeleev Ridge at 82°N: evidence of continental crust

Ulrike Draeger, Michel Prévot, Thierry Poidras and Janna Riisager: Single-domain chemical, thermochemical and thermal remanences in a basaltic rock

Marco Guzmán-Speziale and Juan Martín Gómez: Seismic Strain rate along the Middle America Trench reveals significant differences between Cocos–North America and Cocos–Caribbean convergence

F. A. Capitano and S. Goes: Mesozoic spreading kinematics: consequences for Cenozoic Central and Western Mediterranean subduction

Martin Waldhör and Erwin Appel: Intersections of remanence small circles: new tools to improve data processing and interpretation in palaeomagnetism

Michael Ewald, Heiner Igel, Klaus-Günter Hinzen and Frank Scherbaum: Basin-related effects on ground motion for earthquake scenarios in the Lower Rhine Embayment

Pierre-Jean Alasset, Hélène Hébert, Said Maouche, Valérie Calbini and Mustapha Meghraoui: The tsunami induced by the 2003 Zemmouri earthquake ($M_W = 6.9$, Algeria): modelling and results

F. A. Dahlen and Ying Zhou: Surface-wave group-delay and attenuation kernels

S. Ellis, J. Beavan, D. Eberhart-Phillips and B. Stöckhert: Simplified models of the Alpine Fault seismic cycle: stress transfer in the mid-crust

S. Ellis, J. Beavan and D. Eberhart-Phillips: Bounds on the width of mantle lithosphere flow derived from surface geodetic measurements: application to the central Southern Alps, New Zealand

Zoltán Weber: Probabilistic local waveform inversion for moment tensor and hypocentral location