

Full list of conference presentations by Christophe Zaroli, University of Strasbourg

TIDES Summer School (Tomography and Uncertainty) - July 2017 - Oxford (UK) :

- Dubois, **Zaroli**, Lambotte. *Measuring finite-frequency S+ScS delay-times: Implications for global tomography* (poster)

British Seismology Meeting (BSM) - April 2017 - Reading (UK) :

- **Zaroli**, C., *Global seismic tomography using Backus-Gilbert inversion* (poster)

SEDI - July 2016 - Nantes:

- Durand, Debayle, Ricard, **Zaroli**, Lambotte. *New constraints on the shear velocity structure of the Earth mantle from joint inversion of normal mode, surface wave & body waves.* (talk)

Conference on Mathematical Geophysics (CMG) - June 2016 - Paris:

- **Zaroli**, Lambotte, Lévêque. *Joint inversion of normal-mode and finite-frequency S-wave data using an irregular tomographic grid.* (poster)

EGU - April 2016 - Vienna:

- Schubert, **Zaroli**, Nolet. *Traveltime dispersion in an isotropic elastic mantle: strong lower-mantle signal in differential-frequency residuals.* (talk)

Yearly Meeting of the German Geophysical Society - March 2016 - Münster:

- Schubert, **Zaroli**, Nolet. *Traveltime dispersion in an isotropic elastic mantle: strong lower-mantle signal in differential-frequency residuals.* (talk)

AGU - December 2015 - San Francisco:

- Duputel, **Zaroli** et.al.. *Bringing a Bayesian Perspective to Large Dimensional Problems in Geophysics.* (talk)
- Durand, Debayle, Ricard, Lambotte, **Zaroli**. *New constraints on the velocity structure at the base of the mantle from the coupling of normal modes.* (talk)

EGU - April 2015 - Vienna:

- Schubert, **Zaroli**, Nolet. *Computing 3-D wavefields in mantle circulations models to test hypotheses on the origin of lower mantle heterogeneity under Africa.* (talk)

AGU - December 2014 - San Francisco:

- **Zaroli**, Sambridge, Lévêque, Debayle, Nolet. *An objective rationale for the choice of regularisation parameter with application to global multiple-frequency S-wave tomography.* (poster)
- **Zaroli**, Lévêque, Schubert, Duputel, Nolet. *Global S-wave tomography using receiver pairs: An alternative to get rid of earthquake mislocation.* (poster)
- Schubert, **Zaroli**, Nolet. *Quantifying traveltime dispersion in an isotropic elastic mantle: dominance of the lower mantle signal in differential-frequency time residuals.* (talk)
- Durand, Debayle, Lambotte, **Zaroli**. *A global shear velocity model of the mantle from normal modes, surface waves and body waves.* (talk)

EGU - April 2014 - Vienna:

- Schubert, Gräber, Baykiev, **Zaroli**. *Influence of anelastic corrections to the temperature derivatives*

of seismic velocities on wavefields in geodynamically derived seismic heterogeneity. (talk)

EGU - April 2013 - Vienna:

- Schuberth, **Zaroli**, Nolet. *Dispersion of seismic waves in isotropic elastic mantle heterogeneity* (talk)

AGU - December 2012 - San Francisco:

- Nolet G., Mercerat D., & **Zaroli** C. *The devil's checkerboard: why cross-correlation delay times require a finite frequency interpretation* (talk)

- Godano M., Nolet G. & **Zaroli** C.. *Determination of differential arrival times by cross-correlating worldwide seismological data* (poster)

AGU - December 2011 - San Francisco:

- **Zaroli** C., Nolet G., Charlety J., Debayle E. & Sambridge M. *How to exploit frequency-dependent S-wave delay-times for refining images of the Earth's mantle?*(talk)

- Mercerat D., **Zaroli** C. (presenter) & Nolet G. *Finite-frequency tomography: the checkerboard test revisited* (poster)

EGU - April 2011 - Vienna:

- **Zaroli** C., Nolet G., Debayle E. & Sambridge M. *Global multiple-frequency SH -wave tomography : refining seismic imaging of the Earth's mantle* (poster)

- Nolet G., **Zaroli** C., Charlety J. & Mercerat D. *Seismic tomography: recent developments and new perspectives* (Invited talk)

ESC - September 2010 - Montpellier:

- **Zaroli** C., Debayle E. & Sambridge M. *Global multiple-frequency S-wave tomography of the Earth's mantle* (Invited talk)

AGU - December 2009 - San Francisco:

- **Zaroli** C., Debayle E. & Sambridge M. *Towards a global multiple-frequency tomography of the Earth's mantle* (Poster)

EAGE - June 2009 - Amsterdam:

- Ferber R. & **Zaroli** C. (presenter). *Normal moveout velocity analysis of seismic reflection interferograms*, (Talk by Zaroli).

AGU - December 2008 - San Francisco:

- Debayle E., Tauzin B., **Zaroli** C., Wittlinger G., Sambridge M.. *Global transition zone discontinuities and seismic heterogeneities from body-waves and long-period surface waves* (Poster)

AGU - December 2005 - San Francisco:

- Wustefeld A., Bokelmann G., **Zaroli** C. & Barruol G.. *Shear-wave splitting analysis for the East European platform* (Poster)

Full list of (out-my-lab) seminars by Christophe Zaroli, University of Strasbourg

Munich, Germany, Invited Seminar, November 2017

- **Zaroli.** *Toward Seeing the Earth's Interior Through Unbiased Tomographic Lenses: Implications for Geodynamists*

Oxford, UK, Group Seminar, April 2017

- **Zaroli.** *Global seismic tomography using Backus-Gilbert inversion.*

Cambridge, UK, Invited Seminar, March 2017

- **Zaroli.** *Toward Seeing the Earth's Interior Through Unbiased Tomographic Lenses.*

Oxford, UK, Invited Seminar, March 2017

- **Zaroli.** *Toward Seeing the Earth's Interior Through Unbiased Tomographic Lenses.*

Oxford, UK, Invited Seminar, November 2015

- **Zaroli.** *Joint inversion of normal-mode and body-wave data using an irregular grid.*

Nice, France, Invited Seminar, April 2015:

- **Zaroli.** *Global S-wave tomography using receiver pairs to get rid of earthquake mislocation.*

Munich, Germany, Invited Seminar, July 2014

- **Zaroli.** *Recent developments in global finite frequency body-wave tomography.*

Canberra, Australia, Group Seminar, 2012

- **Zaroli.** *Global multiple-frequency body-wave tomography.*

Nice, France, Invited Seminar, 2010

- **Zaroli.** *Global multiple-frequency S-wave tomography of the Earth's mantle.*

Lyon, France, Group Seminar, 2010

- **Zaroli.** *Global multiple-frequency S-wave tomography.*