

## List of Publications

### Publications in primary journals

1. **Wookey, J.** & Dobson, D. Between a rock and a hot place: the core-mantle boundary *Phil. Trans. Roy. Soc. A: Triennial Issue*, in press (2008) *invited*.
2. **Wookey, J.** & Kendall, J.-M. Constraints on lowermost mantle mineralogy and fabric beneath Siberia from seismic anisotropy, *Earth Planet. Sci. Lett.*, 275, 32-42 (2008)
3. **Wookey, J.** & Helffrich, G. Inner-core shear-wave anisotropy and texture from an observation of PKJKP waves *Nature* 454, 873-876, (2008).
4. Van der Baan, M., **Wookey, J.** & Smit, D. Stratigraphic filtering and source penetration depth. *Geophys. Prospect.* 55, 679–684 (2007).
5. Thomas, C., **Wookey, J.** & Simpson, M. D” Anisotropy beneath Southeast Asia. *Geophys. Res. Lett.* 34, L04301 (2007).
6. **Wookey, J.**, Stackhouse, S., Kendall, J.-M., Brodholt, J. & Price, G. D. Efficacy of the post-perovskite phase as an explanation for lowermost-mantle seismic properties. *Nature* 438, 1004–1007 (2005).
7. Hammond, J. O. S., Kendall, J.-M., Rumpker, G., **Wookey, J.**, Teanby, N., Joseph, P., Ryberg, T. & Stuart, G. Upper-mantle anisotropy beneath the Seychelles microcontinent. *J. Geophys. Res.* 110, B11401 (2005).
8. **Wookey, J.**, Kendall, J.-M. & Rumpker, G. Lowermost mantle anisotropy beneath the north Pacific from differential S-ScS splitting. *Geophys. J. Int.* 161, 829–838 (2005).
9. Stackhouse, S., Brodholt, J. P., Price, G. D., **Wookey, J.** & Kendall, J.-M. The effect of temperature on the acoustic anisotropy of the perovskite and post-perovskite polymorphs of MgSiO<sub>3</sub> . *Earth Planet. Sci. Lett.* 230, 1–10 (2005).
10. **Wookey, J.** & Kendall, J.-M. Evidence of mid-mantle anisotropy from shear wave splitting and the influence of shear-coupled P waves. *J. Geophys. Res.* 109, B07309 (2004).
11. **Wookey, J.**, Kendall, J.-M. & Barruol, G. Reply to Mid-mantle anisotropy or processing artifact? *Nature* 422, 136 (2003).
12. **Wookey, J.**, Kendall, J.-M. & Barruol, G. Mid-mantle deformation inferred from seismic anisotropy. *Nature* 415, 777–780 (2002).

### Peer-reviewed contributions to volumes and peer-reviewed symposium abstracts

13. **Wookey, J.** & Kendall, J.-M. Seismic anisotropy of post-perovskite and the lowermost mantle. In Hirose, K., Brodholt, J., Lay, T. & Yuen, D. (eds.) *Post-perovskite: the Last Mantle Phase Transition*, vol.174 of Geophysical Monographs, 171-189 (American Geophysical Union, 2007).
14. Kendall, J.-M., Fisher, Q. J., Covey-Crump, S., Maddock, J., Carter, A., Hall, S. A., **Wookey, J.**, Valcke, S. L. A., Casey, M., Lloyd, G. & Ismail, W. B. Seismic anisotropy as an indicator of reservoir quality in siliciclastic rocks. In Jolley, S., Barr, D., Walsh, J. & Knipe, R. J. (eds.) *Structurally Complex Reservoirs*, vol. 117 of Special Publications, 123–136 (Geol. Soc. London, 2007).
15. **Wookey, J.**, Van der Baan, M., Smit, D. & Kendall, J.-M. Tau-P domain VTI parameter inversions using limited-offset data. In *EAGE Expanded Abstracts*. (Eur. Assn. Expl. Geophys., 2002).
16. Guerrero, C., **Wookey, J.**, van der Baan, M. & Kendall, J.-M. VTI anisotropy parameter estimation in the tau-p domain; an example from the North Sea. In *SEG Expanded Abstracts*. (Soc. Expl. Geophys., 2002).