

Anthony Koppers

Degree(s): Vrije Universiteit, Amsterdam (BS MS PhD)

Post-Doc: Scripps Institution of Oceanography
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Research Interests:

$^{40}\text{Ar}/^{39}\text{Ar}$ Geochronology, Plate Motion
Reconstructions, Mantle Geodynamics, Evolution of
Hotspot Volcanism, Earth Science Information
Technology

Recent Publications and Presentations:

Koppers, A.A.P., J.A. Russell, J. Roberts, M.G. Jackson, J.G. Konter, D.J. Wright, H. Staudigel and S.R. Hart (2011). Age Systematics of Two Young En Echelon Samoan Volcanic Trails.

Geochemistry Geophysics Geosystems, doi:10.1029/2010GC003438

Koppers, A.A.P., T. Yamazaki, J. Geldmacher (2010). Louisville Seamount Trail: implications for geodynamic mantle flow models and the geochemical evolution of primary hotspots. *IODP Science Prospectus* 330, doi:10.2204/iodp.sp.330.2010

Science Prospectus 330, doi:10.2204/iodp.sp.330.2010

Koppers, A.A.P. and A.B. Watts (2010). Intraplate Seamounts as a Window into Deep Earth Processes. *Oceanography* 23(1): 42-57

Koppers, A.A.P., R.A. Duncan, B. Steinberger (2004). Implications of a nonlinear $^{40}\text{Ar}/^{39}\text{Ar}$ age progression along the Louisville seamount trail for models of fixed and moving hotspots.

Geochemistry, Geophysics, Geosystems, doi:10.1029/2003GC000671

Koppers, A.A.P., H. Staudigel (2005). Asynchronous Bends in Pacific Seamount Trails: A Case for Extensional Volcanism? *Science* 307: 904-907

