

Erik E. Scherer

1) General information

- Scherer, Erik E., Ph.D., date of birth: 12/01/1969, male.
- Institut für Mineralogie, WWU Münster, Corrensstraße 24, D-48149 Münster, Tel.: +49 251 83 33504, e-mail: escherer@uni-muenster.de
- Current position and status: Professor (W2)

2) Academic education and degrees

- Subject: Geology (1987 – 1991), Colgate University, B.A. (honors) (Prof. S.J. Seaman)

3) Scientific degrees

- Doctoral degree: Ph.D, Geochemistry, University of Santa Cruz, California, 1999 (Prof. K.L. Cameron)

4) Professional experience

- 2012 – present: Professor of Isotope Geochemistry (W2), Institut für Mineralogie, WWU Münster
- 2006 –/2011: Junior Professor of Isotope Geochemistry (W1), Institut für Mineralogie, WWU Münster.
- 2003 –2006: Research Associate, Institut für Mineralogie, WWU Münster.
- 1999 – 2003: Postdoctoral Researcher, Institut für Mineralogie, WWU Münster.

5) Professional activities

- Student's Award for Outstanding Teaching, Earth Sciences, WWU Münster, 2010.
- Outstanding Teaching Assistant Award, Earth Sciences Dept. U.C.S.C., 1998.
- Fellowship for doctoral studies, U.C.S.C. 1991-1992.
- Faculty Award for Outstanding Achievement, Colgate University, 1991.
- Reviewer for NSF, DFG, ANR, Science, PNAS, Geology, Lithos, Earth and Planetary Science Letters, Geochimica et Cosmochimica Acta, Journal of Petrology, Contributions to Mineralogy and Petrology, Chemical Geology, Geological Society of London, Geological Society of America Special Papers, Analytical Chemistry, Chemie der Erde, G-Cubed, Metamorphic Geology, Meteoritics and Planetary Science, and Lithosphere.
- Member of AAAS, AGU, Geochemical Society, and GSA.

6) Publications

Published or accepted peer-reviewed publications, book chapters, etc.

- Smit, Matthijs A., Scherer, Erik E., Mezger, Klaus. (2013), Lu-Hf and Sm-Nd garnet geochronology: Chronometric closure and implications for dating petrological processes. *Earth and Planetary Science Letters*, 381, 222-233.
- Sprung, P., Kleine, T., Scherer, E. E. (2013), Isotopic evidence for chondritic Lu/Hf and Sm/Nd of the Moon. *Earth and Planetary Science Letters* 380, 77-87.
- Herwartz D, Nagel T.J., Münker C, Scherer E.E., Froitzheim N. (2011), Tracing two orogenic cycles in one eclogite sample by Lu-Hf garnet chronometry. *Nature Geoscience*, 4, 178-183.
- Sprung, P., Scherer, E. E., Upadhyay, D., Leya, I., & Mezger, K. (2010), Non-nucleosynthetic heterogeneity in non-radiogenic stable Hf isotopes: Implications for early solar system chronology. *Earth and Planetary Science Letters*, 295 (1-2), 1-11.
- Scherer, E.E., Whitehouse, M.J., Münker, C. (2007), Zircon as a monitor of crustal growth. *Elements* 3, 19-24.
- Lagos M, Scherer E.E., Tomaschek F, Munker C, Keiter M, Berndt J, Ballhaus C. (2007), High precision Lu-Hf geochronology of eocene eclogite-facies rocks from syros, cyclades, Greece. *Chemical Geology*, 243(1-2), 16-35.
- Kleine, T., Mezger, K., Palme, H., Scherer, E., & Münker, C. (2005), Early core formation in asteroids and late accretion of chondrite parent bodies: Evidence from ¹⁸²Hf-¹⁸²W in CAIs, metal-rich chondrites, and iron meteorites. *Geochimica et Cosmochimica Acta* 69, 5805-5818.
- Scherer, E., Münker, C., Mezger, K. (2001), Calibration of the lutetium-hafnium clock. *Science* 293: 683-687.
- Scherer, E.E., Cameron, K.L., & Blichert-Toft, J. (2000), Lu-Hf garnet geochronology: Closure temperature relative to the Sm-Nd system and the effects of trace mineral inclusions. *Geochimica*

et Cosmochimica Acta 64, 3413-3432.

Beard B.L., Taylor L.A., Scherer E.E., Johnson C.M., Snyder G.A. (1998), The source region and melting mineralogy of high-titanium and low-titanium lunar basalts deduced from Lu-Hf isotope data. *Geochimica et Cosmochimica Acta*, 62(3), 525.