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Avishai Abbo, Ph.D. Student

Personal Information:

Date of Birth: 17/5/1985

Place of Birth: Israel

Education:

Oct 2009 – Jun 2012 Hebrew University of Jerusalem
B.Sc, Earth Sciences, Geology
Jerusalem, Israel

Oct 2012 – Jun 2014 Hebrew University of Jerusalem
M.Sc, Geology
Jerusalem, Israel

Oct 2014 and onwards Hebrew University of Jerusalem
Ph.D. studies, Geology
Jerusalem, Israel

M.Sc. thesis: Neoproterozoic (Cadomian) basement and Paleozoic to Triassic siliciclastics in the Tauride Block (Karacahisar dome, south-central Turkey): constraints on the Gondwana-Tauride relationships from U-Pb-Hf in Zircons. Supervisor: Prof. Dov Avigad.

Awards:

2011-2012: Included on the Dean's List for outstanding students, at the Faculty of Science and Mathematics, Hebrew University.

2013: Recipient of a Minerva Short-Term research grant for Germany

2014: Winner of Luxemburg scholarship for outstanding M.Sc students in HUJI.

2015: Recipient of Departmental excellence award in memory of Menachem Shraga and Theodor Dicker.

2016-2019: Recipient of an Azrieli Fellowship for Academic Excellence and Leadership from the Azrieli Foundation

Publications:

Journal Articles:

Abbo, A., Avigad, D., Gerdes, A., GÜngör, T., 2015. Cadomian basement and Paleozoic to Triassic siliciclastics of the Taurides (Karacahisar dome, south-central Turkey): Paleogeographic constraints from U-Pb-Hf in zircons. *Lithos* 227, 122–139. doi:10.1016/j.lithos.2015.03.023

Avigad, D., Abbo, A., Gerdes, A., 2016. Origin of the Eastern Mediterranean: Neotethys rifting along a cryptic Cadomian suture with Afro-Arabia. *Geol. Soc. Am. Bull.* 128, 1286–1296. doi:10.1130/B31370.1

Avigad, D., Morag, N., Abbo, A., Gerdes, A., 2017. Detrital rutile U-Pb perspective on the origin of the great Cambro-Ordovician sandstone of North Gondwana and its linkage to orogeny. *Gondwana Res.* 51, 17–29. doi:https://doi.org/10.1016/j.gr.2017.07.001

Conference Publications:

Avishai Abbo, Dov Avigad, Axel Gerdes, Talip GÜngör (2014): *Crustal evolution and provenance of the Tauride (southern Turkey) basement and cover*. IGS Annual meeting, Dead Sea; 03/2014

Avishai Abbo, Dov Avigad, Axel Gerdes Talip GÜngör (2015): *Inferences on the Cadomian tectonic setting recorded in the Tauride block*. IGS Annual meeting, Kinneret; 03/2015

Avishai Abbo, Dov Avigad, Axel Gerdes, Talip GÜngör (2015): *Cadomian paleogeography and tectonic setting as recorded in the Tauride block (Turkey)*. Goldschmidt 2015, Prague; 08/2015

Avishai Abbo, Dov Avigad, Axel Gerdes (2016): *Lower crustal xenoliths of Northern Israel: zircon evidence for deeply-buried sediments, Paleozoic metamorphism and ca. 300 Ma magmatism*. IGS Annual meeting, Eilat; 01/2016

Avishai Abbo, Dov Avigad, Axel Gerdes (2017): *Crustal Evolution of the Balkan: Episodic igneous activity and crustal recycling of Peri-Gondwana European terranes revealed from zircons and rutiles in basement rocks and river sediments*. Goldschmidt 2017, Paris; 08/2017

Employment History:

2009-2012 – Research assistant in a geochemical laboratory at the Hebrew University

2011-2014 – Guide and content development at the Bloomfield Science Museum, Jerusalem

2012 and onwards – Teaching assistant at the institute of earth sciences, Hebrew University

Courses: Global Tectonics, Optical Mineralogy, Basic Geological Mapping, Field Excursion and mapping of basement rocks in Eilat.

Interests:

Geology of basement rocks, Global Tectonics, Paleo-Tectonic Reconstructions, Crustal Evolution, Igneous and Metamorphic rocks, Provenance, Geochronology, Zircon U-Pb-Hf studies, Precambrian tectonics and geodynamics.