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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: Recipient of an Azrieli Fellowship for the coming 3 years, from the Azrieli Foundation.

Publications:

Journal Articles:

Avishai Abbo, Dov Avigad, Axel Gerdes, Talip Güngör (2015): *Cadomian basement and Paleozoic to Triassic siliciclastics of the Taurides (Karaçahisar dome, south-central Turkey): Paleogeographic constraints from U-Pb-Hf in Zircons*. Lithos 04/2015; 227. DOI:10.1016/j.lithos.2015.03.023

Dov Avigad, Avishai Abbo, Axel Gerdes (2016): *Origin of the Eastern Mediterranean: Neotethys rifting along a cryptic Cadomian suture with Afro-Arabia*. Geological Society of America Bulletin. <http://doi.org/10.1130/B31370.1>

Conference Publications:

Avishai Abbo, Dov Avigad, Axel Gerdes, Talip Güngör (2014): The Tauride block in the context of north Gondwana: zircon U-Pb-Hf isotope geochronology of the Karaçahisar dome (south-central Turkey). 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

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.