

Personal Details

- Name: Mehrnaz Siahi
- Sex: Female
- Date of Birth: 05/11/1977
- Nationality: Iranian
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Academic qualifications

- 2012- present, study towards doctorate in Geochemistry, Ludwig Maximilians University, Munich, Germany (expected completion September 2015).
- 2012- present, visiting researcher, University of the Witwatersrand, South Africa
- 2006 - Master of Geology/Sedimentology, University of Tarbiat Moalem, Tehran, Iran.
- 2001 - Bachelor of Geology, University of Tarbiat Moalem, Tehran, Iran.
- 1995 - Diploma, Kosar High School, Shahrood, Iran.

Professional experience

- 2010 - 2011 Technical Advisor, Iranian Mining Engineering Organization, Iran.
- 2006 - 2011 Lecturer (Geology), University of Jame Elmi Karbordi, Iran.
- 2009 - 2010 Geologist, National Iranian Steel Company (East Alborz Coal Company), Iran.
- 2008 - 2009 Teacher (Geology), Ferdos High School, Iran.
- 2004 Geologist, National Iranian Oil Company (Exploration Management), Iran.

Awards and scholarships

- 11/2013-02/2014 and 11/2014-02/2015: Research Grant for Doctoral Candidates (DAAD).

Training

- 2010 - Diploma in Design Open Pit Mines, Preparation of operational plans of mines and Entrepreneurship in the mining and mineral industries, Ministry of Industries and Mines.
- 2010 - License employment careers of Mining Engineering, Ministry of Industries and Mines.

Public lectures

- Mesoarchean microbialites of the Pongola Supergroup, South Africa: a unique record of diverse microbial life. University of Witwatersrand, Johannesburg, 2014.
- A unique record of diverse microbialite morphologies in the 3 Ga Nsuze Group, Pongola Supergroup, South Africa. Ludwig Maximilians University, Munich, Germany, 2014.

Instrumental and laboratory experience

- Thin section petrography (transmitted, reflected light)
- XRF, XRD, ICP-MS analyses of whole rock samples
- In-situ trace element analysis (LA-ICP-MS, Univ. Frankfurt)
- In-situ nano-scale element mapping and isotopic analysis (Cameca NanoSIMS 50L, TU Munich)
- Mineral composition and imaging (microprobe, SEM)
- Confocal Laser Raman Microscopy
- Stable isotope analysis (IRMS, LMU Munich)
- Radiogenic isotope analysis (TIMS, LMU Munich)

Practical Skills

- Full Clean Driving License.
- Confident user of a wide range of software including: AutoCAD (2D, 3D), Surfer, Photoshop, Illustrator, Internet Explorer, MS Excel, MS PowerPoint and MS Word.
- Fluent in English and Persian

Membership of professional associations

- Member of Iranian Mining Engineering Organization