

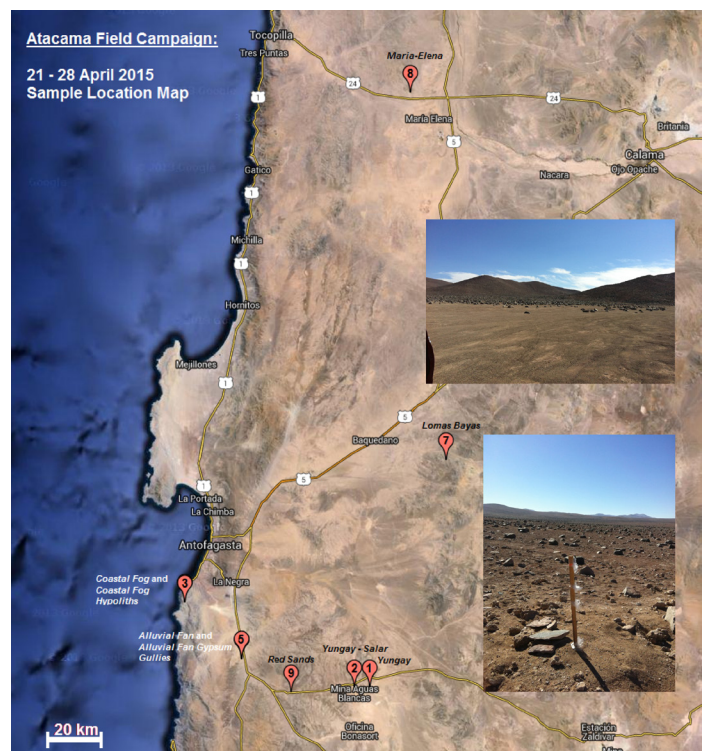
Geowissenschaftliches Kolloquium

Investigating Planetary Habitability on Multiple Scales: Of Water Droplets, Microbialites, and Global Biospheres

Donnerstag, 30. Juni 2016 - 16.15 Uhr

Dirk Schulze-Makuch
(Technische Universität Berlin)

In his talk Prof. Schulze-Makuch will discuss habitability on various scales. He will start with microdroplets in a natural liquid asphalt lake which contain the smallest ecosystems known. On a larger scale he will report about microbialites, reef-like structures in a Canadian fresh-water lake. Finally, he will talk about global biospheres and their evolution, and in that context compare Earth and Mars, and how habitability research will affect the search for life on Mars.



Dirk Schulze-Makuch is a professor at Washington State University and currently Visiting Professor at the Technical University Berlin. He is also recipient of an ERC Advanced Grant to investigate the Habitability of Martian Environments. His main interests are planetary habitability and astrobiology, in which areas he published more than 150 papers and several books.

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