

Guest professor
Alejandro Martinez
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Universität für Bodenkultur Wien
Department für Bautechnik und
Naturgefahren



Assoc.Prof. Alejandro Martinez will visit IGT in January 2024, and give lectures on the principles of bio-inspired design with a focus on geotechnical engineering and infrastructure (LV 873020). You are warmly welcome to participate.

The course **873020 "Bio-inspired geo-engineering and applications (in Eng.)"** will cover the principles of bio-inspired design with a focus on geotechnical

engineering and infrastructure. The topics include an introduction to relevant biological concepts, bio-inspired design theory, translation of biological strategies to solve engineering problems, methods to address spatial and temporal scale differences, and development of a bio-inspired solution in geotechnics. This one week-course will culminate in a design project that the students will develop and present in class.

Date: 9th-12th January, 2024

Place: Seminar room 02 (GUTH-SR 02), Guttenberghaus, Feistmantelstr. 4, 1180 Vienna

Lecture times:

Tue, 9th January, from 10-12 am

Wed, 10th January, from 10-12 am

Fri, 12th January, from 14-16 am

