



Fakultät für Bau- und Umweltingenieurwissenschaften
Lehrstuhl für Grundbau, Boden- und Felsmechanik
Prof. Dr. Ing. habil. Tom Schanz

RUB

Gastvortrag Prof. Teruo Nakai

Importance of constitutive model in the analysis of tunneling problems

Teruo Nakai – Nagoya Institute of Technology, Japan

Prof. Teruo Nakai

Professor Nakai was born in 1948 in Nara district (Japan's ancient capital) in central Japan. He has got his bachelor and masters degree in civil engineering in 1972 and 1974 respectively from Kyoto University. Then he had joined in the Research and Development Institute of Fujita Corporation. After having two years of experience in industry he had returned to the university and had joined as a research associate in Nagoya Institute of Technology in 1976. He has got the Doctor of Engineering degree in 1981 from Kyoto University and has become a Professor of Civil Engineering of Nagoya Institute of Technology in 1991. Additionally, he was in Glasgow University as a visiting research fellow from 1988 to 1989.

Professor Nakai's consistent research subjects are laboratory testing of geomaterials and their constitutive modeling in general stress systems, application of the constitutive model to boundary value problems such as tunneling, braced excavation, bearing capacity of various foundations, reinforced soils and other soil-structure interaction problems, and the corresponding model tests.

Gastvortrag Tadashi Hashimoto

Recent case studies and technologies on shield tunneling technologies

- focused on longer, faster, deeper larger and non-circular tunneling by TBMs -

Tadashi Hashimoto – Geo-Research Institute (GRI), Japan

Tadashi Hashimoto

After getting his Master Degree at Tokushima University in 1972, Tadashi Hashimoto worked for Kyoto University as a research assistant. From 1973 till now, he has been serving continuously in GRI. He has specialised in underground constructions, providing technology advice involving urban tunnel, mountain tunnel, geotechnical investigation, on-site monitoring, ground water, landslide and etc. In the past 30 years, he worked actively as technology consultant in underground constructions in Osaka, Kobe, Kyoto, Fukuoka, Nagoya and Tokyo in Japan. At the same time, he came forward with numerous technical advices on the underground construction projects for railway and express way in the UK, the Netherlands, South Korea, China and Singapore.

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