



Prof. Tom Schanz

Prof. Tom Schanz received his PhD at ETH Zurich on the mechanical behavior of granular mixture. This period followed a PostDoc stay at Kagoshima University (Japan). Thereafter he received his habilitation at University Stuttgart (Germany). After ten years as Professor at Bauhaus-University Weimar (Germany) he is nowadays head of the Laboratory of Foundation Engineering, Soil- and Rock Mechanics at Ruhr-University Bochum, Germany. The laboratory is running currently two geotechnical centrifuges since about 30 years. Research projects involving these equipments cover all subjects from environmental engineering, natural hazard assessment and nowadays problems involving unsaturated soil mechanics. Beside the centrifuge center the laboratory is running an excellent equipped soil dynamics and clay lab. Tom's research papers cover a wide range of theoretical, experimental and numerical subjects, as unsaturated soil mechanics, physico-chemical clay behavior, constitutive models, earthquake engineering and application of numerical methods to geomechanical problems. Tom is member of international committees as Unsaturated soils and European Numerical methods, he is chairman of the German committee for Numerical Methods in Geotechnics.