International Society of Hymenopterists 24 hour Virtual Conference #Hymathon2026
(19-20 November 2026 from 17:00 UTC)

Keynote Speaker, Session #4 – 20 November 13:00 UTC



Thomas van de Kamp
Karlsruhe Institute of Technology, Eggenstein-Leopoldshafen (Germany)

High-throughput synchrotron X-ray microtomography of insects

Thomas van de Kamp is an entomologist working at the Karlsruhe Institute of Technology (KIT) in Germany. In 2011, he obtained his PhD in Biology at the University of Düsseldorf. For his doctoral thesis he studied weevil functional morphology using synchrotron X-ray imaging and digital 3D reconstructions. Currently, he holds the position of Senior Scientist and Principal Investigator for morphological X-ray imaging at the Institute for Photon Science and Synchrotron Radiation of KIT, which operates the X-ray imaging beamlines of KIT's particle accelerator, the KIT Light Source. His research interests include insect functional morphology, evolution and diversity & X-ray imaging of biological and paleontological specimens. He is part of the core team behind the international "Antscan" initiative that focused on high-throughput 3D phenomics of ant biodiversity.