



Workshop

3D Scanning of Insect Specimens

Date: 20.06.2024, Entomological Collection of ETH Zürich

Join us for a hands-on workshop on 3D scanning of insect specimens. We will cover all technical aspects of the scanning process with the DISC3D scanner and demonstrate an efficient setup for bulk 3D scanning. Gain valuable insights from Prof. Dr. Michael Heethoff and Dr. Sebastian Schmelzle of Small World Vision, who will discuss the challenges in object digitization and diverse applications of the DISC3D scanner.

- 09:30 *Registration*
- 10:00 *Welcome - M. Greeff*
- 10:10 *Introduction - Small World Vision - M. Heethoff, S. Schmelzle*
- 10:20 *Presentation: 3D scanning of type insect specimens - C. Felsner*
- 10:35 *Hands-on session: Preparation of specimens; Operation of the DISC3D scanner; Model calculation with Agisoft Metashape - C. Felsner*
- 12:30 *Lunch break (organized by Entomological Collection)*
- 13:30 *Presentation: Challenges in object digitization - M. Heethoff, S. Schmelzle*
- 14:00 *Hands-on session: Optical size configurations; Organizing a collection before scanning - C. Felsner*
- 14:45 *Coffee break*
- 15:00 *Presentation: Data post-processing; Data storage - M. Greeff, C. Felsner*
- 15:40 *Open discussion*
- 16:00 *End of workshop*

Questions and Registration: michael.greeff@usys.ethz.ch

Registration open until 14th of June (max. 20 participants)