

Einladung zum ZeSOB Kolloquium

Am Montag, **02. Mai 2021**, um **16:30 s.t.** spricht Herr

Prof. Dr. Andreas Futschik

(Institut für Angewandte Statistik, Johannes Kepler Universität Linz)

über

New statistical methods of inference with applications in population genetics

Dating back to Fisher, population genetics has a long-standing tradition of interaction with statistics and probability. Modern sequencing technologies lead to unprecedented amounts of data available that provide ample opportunities to develop new and improved statistical methodology. Starting from challenges arising in applications, this talk discusses new and modified inferential approaches both in an estimation and a (multiple) hypothesis testing context.

More specifically, we discuss the estimation of standard population genetic parameters such as the scaled mutation parameter ϑ and the effective population size N_e . Then we talk about new approaches to test for traces of selection in genomic time series data.

Der Vortrag findet am Montag, 02. Mai 2022, um 16:30 Uhr s.t. im Raum W03 1-152 am Campus Wechloy der Universität Oldenburg, Carl-von-Ossietzky-Straße 9-11, 26129 Oldenburg statt.

Alle Interessierten sind herzlich willkommen!

(Einladungsvorschlag von Prof. Dr. Werner Brannath)