

EINLADUNG

Kolloquium
Wintersemester 2021 / 2022

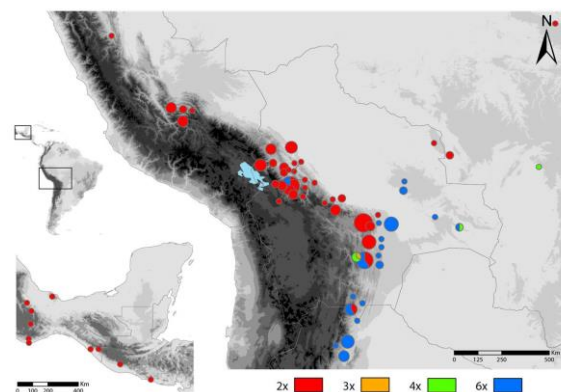
Dr. Juraj Paule

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hält am Dienstag, den **11.01.2022**, um 16:15 Uhr, digital via Zoom,
einen Vortrag über

„Polyploidy and evolution in plants - spatial and temporal patterns“

Polyploidy is a state in which an organism or cell contains two or more basic sets of chromosomes and is considered a major driver of plant evolution. Several hypotheses suggested that polyploids are better adapted to extreme climates than diploids, which may directly affect distribution range shifts and expansions. When studying polyploid models from the Neotropics and Europe, similar strategies and consequences of this phenomenon have been identified. On the temporal scale polyploidization events were dated back to Pliocene and Pleistocene period of climate fluctuations. Moreover, polyploids in the Neotropics as well as in Europe were found in habitats with cooler and drier conditions and higher seasonality, when compared to the diploid relatives. However, the results also exemplify that the effects of polyploidy on distribution may be influenced by uniparental reproduction mode.



Einladende: Prof. Dr. Meike Piepenbring

Dieser Vortrag findet lediglich in **Digitaler Form** statt. Über diesen Link kommen Sie zu der entsprechenden Veranstaltung:

<https://uni-frankfurt.zoom.us/j/97000121113?pwd=TxUQVZBRTJJS0xFcXNwTHYzZVp1dz09>

