

## **The Role of Personality on Cognition**

*Wednesday 1<sup>st</sup>, 2:30 to 4:30pm*

### **Speakers:**

Pr. Julia Fischer

Pr. Claudia Fichtel

Pr. Julia Ostner

Dr. Oliver Schülke

Dr. Charlotte Canteloup

Dr. Vedrana Šlipogor

Dr. Debottam Bhattacharjee

Tieme Dolstra, MSc

Social (e.g., cooperative–communicative) and physical (e.g., problem-solving) cognitive abilities provide individuals with survival benefits. Yet, individuals substantially differ in how well they cooperate or communicate with conspecifics or solve physically challenging tasks. This conundrum has led researchers to propose a *cognition–personality* framework, which aims to investigate whether and how variation in animal cognitive skills is shaped by their consistent inter-individual behavioural differences, i.e., personality. Despite the framework’s conceptual advances in explaining the relationships between cognition and personality within a multidimensional space, conducting empirical investigations in this area has been notoriously challenging, and remains surprisingly scarce in non-human primates. Methodological rigour, through standardised personality and cognition tests and measures, repeated within and between (individual) sampling designs, and adequate sample sizes, is essential to overcoming these challenges.

In this symposium, we will hear from some of the leading experts as well as early-career scientists who are advancing the field of cognition–personality research with their empirical studies across species, from great apes to macaques and lemurs. The symposium holds great value as it will shed light into ‘behavioural individuality’ in non-human primates and advance our understanding of its broader adaptive and evolutionary processes in a comparative framework.

**Organizers:** Vedrana Šlipogor, Debottam Bhattacharjee, Jorg Massen