

## VABILO NA PREDAVANJE

Vljudno vas vabimo na predavanje **dr. Franca Cargneluttija**, argentinskega raziskovalca, ki gostuje na Biološkem inštitutu Jovana Hadžija (BIJH), ZRC SAZU. Predavanje z naslovom **“New Perspectives on Old Models: Exploring the Evolution of Reproductive Behavior in Daddy Long-Legged (and Not-So-Long-Legged) Spiders”** bo v četrtek, 5. 12. 2024, ob 16. uri v Križevniški dvorani Zemljepisnega muzeja ZRC SAZU (Gosposka ulica 16, Ljubljana). Predavanje bo potekalo v angleškem jeziku. Vabljeni!

Sodelavke in sodelavci BIJH



**ABSTRACT:** Spiders have emerged as valuable models for exploring various scientific questions across ecology and evolution. Yet, despite their potential, their use as models in studying behavioral evolution under sexual selection remains underdeveloped compared to other arthropods. Spiders, however, possess distinctive morphological and behavioral traits that uniquely position them

as ideal models for investigating the evolution of genital behavior and sperm allocation strategies. A family that has been extensively studied due to the presence of model species is the commonly known 'daddy long-legged' spiders. However, despite the wealth of morphological data and behavioral descriptions primarily derived from natural history studies, we are still far from achieving a holistic understanding of sexual behavior in model species, let alone across the entire family. In this presentation, I will focus on the evolution of genital behavior in two model species and its potential implications for the rest of the family. Additionally, I will delve into sperm study and sperm allocation strategies, a relatively unexplored field within this taxonomic group.