

35<sup>th</sup> EUROPEAN CONGRESS OF ARACHNOLOGY, ZADAR, CROATIA 2025



\* Student Competition  
\*\* PeerJ Student Contribution Competition (topics in Taxonomy/Systematics/Phylogenetics/Biogeography)



35<sup>th</sup> EUROPEAN CONGRESS OF  
ARACHNOLOGY, ZADAR, CROATIA  
2025

TUESDAY

02  
SEPTEMBER

PARALLEL SESSIONS

MAIN LECTURE ROOM

SMALL LECTURE ROOM

9:00–11:00

BEHAVIORAL  
BIOLOGY

CHAIR VLADISLAV IVANOV

Filip Solar\* et al.

Polysphincta group Parasitoids associated with sheet web spiders

Vincent Jackel\* et al.

Jump Scare: Biomechanics of reverse jumping in arboreal sac spiders (*Clubiona corticalis*)

Yi-Chi Li\* et al.

Spider predatory aggressiveness exhibits diverse personality and plasticity associations and complex neurophysiological mechanisms

Sammi Huang\* et al.

Effects of biotic and abiotic factors on spiders' web phenotypic and material properties adaptation

Rok Golobinek\* et al.

Orb web asymmetry is explained by constraints in running speed

Ren-Chung Cheng et al.

Urbanization alters web architecture and body coloration in a nocturnal orb-weaving spider

Ming-yu Lee

Body coloration associated with female pre-existing biases in nocturnal spiders

Jonas Wolff et al.

Hyper-elastic reeled radii enable swinging strike movements in netcasting spiders (Deinopidae)

9:00–11:00

TAXONOMY;  
MORPHOLOGY &  
ANATOMY; APPLIED  
ARACHNOLOGY

CHAIR NURIA MACÍAS-HERNÁNDEZ

TAXONOMY

Kaïna Privet et al.

(How to) Make Paris' spider collection great again

Armine Kosyan et al.

Ground spider diversity in Armenia: New records of the family Gnaphosidae

Peter Jäger et al.

5 - 50 - 500 - 50,000 - 500,000 – Revision of the genus *Heteropoda* in Laos

Yuri Marusik et al.

On the araneoid-nicodamoid relationships, once again: evidence from cuticular microstructures (Araneae: Araneomorphae: Araneoidea, Nicodamoidea)

MORPHOLOGY &  
ANATOMY

Josefine Kreuz\* et al.

Comparative Morphology of the Spinning Apparatus of Spiders

Anna Derdak\* et al.

The gross morphology and ultrastructure of egg envelopes in Parasitengona mites (Chelicerata: Acariformes)

APPLIED  
ARACHNOLOGY

Anděla Šimečková\* et al.

Interspecific foraging response to thiacloprid treatment of top spider predators

Nicola Sullivan\* et al.

Prey capture abilities of horticultural spider species with and without vibrational disturbance

12:30–13:00

BEHAVIORAL BIOLOGY

CHAIR MATJAŽ GREGORIČ

12:30

Valeria Arabesky et al.

Spiky or smooth: How should widow spiders construct their egg sacs?

12:45

Tzu-Chi Yuan\* et al.

Spiders adjust orb web architecture and performance across an elevation gradient

13:00

LUNCH BREAK

14:30–17:15

SYMPOSIUM

“HOW ARACHNIDS EXPERIENCE  
THEIR WORLD: SENSES, BRAIN,  
DEVELOPMENT AND BEHAVIOUR”

CHAIR GABRIELE UHL

14:30

Gabriele Uhl

Symposium introduction

14:40

SYMPOSIUM PLENARY

Massimo De Agrò et al.

Biological point-light displays scanning by the principal eyes of a jumping spider

15:10

Andres Rivera

Brains behind the eyes: Unraveling visual system evolution in spiders

15:25

Marcial Antonio Galan Sanchez\* et al.

The evolution of eye loss in spiders (Arachnopolmonata, Araneae)

15:40

Morgan Oberweiser\* et al.

Pre- and post-copulatory consequences of male vibratory courtship performance in the nursery web spider *Pisaura mirabilis*

15:55

COFFEE BREAK

16:25

Yoram Zvik\* et al.

Less is more: Chemical minimalism as myrmecophile evolution toward invisibility

16:40

Andreas Fischer

Tracing spider scent: A new analytical workflow for identifying pheromones and a call for collaboration

16:55

Gabriele Uhl et al.

The Chemosensory Toolkit of a Cursorial Spider

17:10

Gabriele Uhl

Symposium wrap up.

17:15–18:30

PHYSIOLOGY & ADAPTATIONS;  
APPLIED ARACHNOLOGY

CHAIR DOMAGOJ GAJSKI

PHYSIOLOGY & ADAPTATIONS

17:15

Weronika Porc\* et al.

Assessment of the effects of electromagnetic radiation on apoptosis and stress protein biomarkers in the spider *Parasteatoda tepidariorum*

17:30

Izabela Jędrzejowska et al.

Is *Chelifer cancrivorus* a purely matrotrophic pseudoscorpion?

17:45

Eran Gefen

Respiratory gas exchange, metabolic fueling and locomotor activity in scorpions

18:00

Carolina Ortiz Movliav\* et al.

Winter warming increases metabolic stress and mortality in an overwintering spider

APPLIED ARACHNOLOGY

18:15

Andreea Rebeka Zsigmond et al.

Where is better to live? Influence of the habitat on the mineral element content of wasp spider (*Argiope bruennichi*)

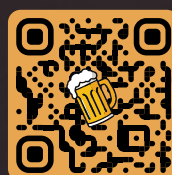
18:30

18:45

**Guided tour of Zadar Old Town:** tour timed for the sunset at the Monument to the Sun. Meeting is in front of the main venue building.

20:15

SOCIAL  
ACTIVITY  
IN BRLOG  
BREWERY



LOCATION

\* Student Competition

\*\* PeerJ Student Contribution Competition (topics in Taxonomy/Systematics/Phylogenetics/Biogeography)



35<sup>th</sup> EUROPEAN CONGRESS OF  
ARACHNOLOGY, ZADAR, CROATIA 2025



LOCATION

WEDNESDAY

3

SEPTEMBER

20:30

●

Mid-conference excursions

20:30

●

Peace party at the Barbakan restaurant

THURSDAY

4

SEPTEMBER

9:00

+

**PLENARY TALK**  
**Mark Harvey**  
The wonderful world of pseudoscorpions and the quest for the ultimate phylogeny  
CHAIR DORA HLEBEC

10:00

●

**10:00 – 11:00**  
**BIODIVERSITY & COMMUNITY ECOLOGY**  
CHAIR ADRIÀ BELLVERT

10:00

●

**Andrea Baldissari\* et al.**  
Optimizing spider community monitoring: testing the effects of sampling effort and season

10:15

●

**Emanuele Crepet\* et al.**  
Niche segregation in three crab spider species (Araneae: Thomisidae)

10:30

●

**Christian Komposch et al.**  
BioBlitzes - A waste of time or valuable biodiversity research. Potential and limitations of a 24 hours mapping. (Arachnida: Araneae, Opiliones, Scorpiones)

10:45

●

**Jeremy Miller et al.**  
The jumping spiders of Wallacea: Occurrence patterns and predictions

11:00

□

**GROUP PHOTO**

11:05

○

**COFFEE BREAK**

11:30

●

**11:30 – 13:00**  
**BIODIVERSITY & COMMUNITY ECOLOGY**  
CHAIR JEREMY MILLER

11:30

●

**Nuria Macías-Hernández et al.**  
Community assembly and biodiversity drivers on islands and continents

11:45

●

**Manuel Marquerie-Córdoba\* et al.**  
A spider on the fourth corner: how microhabitat preference reshapes functional space and trait-environment relationships in Iberian spiders

12:00

●

**Christoph Muster et al.**  
Time series of pitfall trap data reveal contrasting abundance trends in ground hunting versus web-building spiders

12:15

●

**Anna Piquet\* et al.**  
Spiders as effective indicators of urban ecological change: comparative patterns across arthropod taxa and cities

12:30

●

**Lea Ružanović\* et al.**  
A summer with spiders: Dispersal and assemblage composition during the drying of a Mediterranean intermittent river

12:45

●

**Marco Tagliabue et al.**  
Spiders in the tundra: how communities assemble at archaeological sites

13:00

○

**LUNCH BREAK**

14:30

●

**14:30 – 16:15**  
**BIODIVERSITY & COMMUNITY ECOLOGY;  
ECOLOGY & ECOSYSTEM ROLES;  
CONSERVATION & MANAGEMENT**  
CHAIR PEDRO CARDOSO

14:30

●

**Alexandr Vasiliev\* et al.**  
Spiders (Araneae) of the Duruitoarea Canyon (Republic of Moldova): diversity on Former Sarmatian Sea Land

14:45

●

**Raphaël Grellety\* et al.**  
Cut less, save more: partial cutting to conserve boreal forest spiders in Canada

15:00

●

**Alireza Zamani et al.**  
Persian silk road: diversity and distribution patterns of Iranian spiders under sampling bias

15:15

●

**Julia Lamprecht\* et al.**  
Penthouse spiders and harvestmen - Canopy research in the Eastern Alps (Arachnida: Araneae, Opiliones)

15:30

●

**Anna Maka\* et al.**  
Ecology-informed conservation of the Diamond-backed Spider (*Thanatus formicinus*) in England, UK

15:45

●

**Miguel Sousa\* et al.**  
Small scale spider biodiversity assessments as testing ground for environmental filtering under global warming

16:00

●

**Caroline Fukushima et al.**  
A hairy business: investigating the interplay of species traits and trade dynamics in the tarantula pet market

16:15

○

**COFFEE BREAK**

16:45

●

**16:45 – 17:45**  
**CONSERVATION & MANAGEMENT**  
CHAIR STEFANO MAMMOLA

16:45

●

**Harriet Kinga\* et al.**  
Spiders as monitoring tools of restored forests in Ghana

17:00

●

**Marco Tolve\* et al.**  
Tracking climate-driven trait variation in *Vesubia jugorum* (Araneae, Lycosidae): insights from a multi-year monitoring program in the Maritime Alps

17:15

●

**Eva Liznarova**  
Restoration of degraded wetland: How management measures shape spider community

17:30

●

**Cor Vink et al.**  
The rather unpleasant smell of success - Developing a pheromone tool for the eradication of *Latrodectus hasseltii* in New Zealand

17:45

●

**POSTER SESSION WITH REFRESHMENTS**

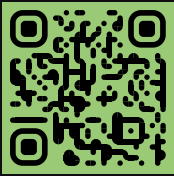
19:15

—

21:00

●

**CONGRESS DINNER AT ARSENAL**



LOCATION

\* Student Competition  
\*\* PeerJ Student Contribution Competition (topics in Taxonomy/Systematics/Phylogenetics/Biogeography)

35<sup>th</sup> EUROPEAN CONGRESS OF ARACHNOLOGY, ZADAR, CROATIA 2025



\* Student Competition

\*\* Peer] Student Contribution Competition (topics in Taxonomy/Systematics/Phylogenetics/Biogeography)