

## Sunday 25th pm

17-19:15. Symposium: **Genomics of Arachnids** (chair: V. Ivanov & Y. Schöneberg)

1. M. Pavlek // Why sequence genomes of cave Arachnids?
2. Y. Schöneberg et al. // Developing a standardized multi-locus barcoding approach for spider taxonomy
3. M. Arnedo et al. // We are small, but we are many: comparative genomics of the red devil *Dysdera* spiders in the Canary Islands
4. A. Sanz et al. // The dwarfs that crossed the Ocean: exploring the diversity of Hawaiian linyphiids
5. S. Simona Kralj-Fišer et al. // Sex-specific maternal effects: Establishing methodological resources in a species with extreme sexual-size dimorphism
6. V. Ivanov et al. // Genomics of mating behavior in closely related black widow spiders (*Latrodectus hasselti* and *L. katipo*, Theridiidae)
7. H. Krehenwinkel et al. // Analyzing temporal changes in dietary composition by gut content metabarcoding from archived spider specimens
8. L. Trębicki et al. // Development of cost-efficient method for DNA barcoding of century old museum specimens of spiders and its importance for taxonomic research

## Monday 26th

9-9:30. **Welcome words**

9:30-10:30. Key-note: **Defences in arachnids: what do we know and where should we go** (S. Pekar) (chair: S. Kralj-Fišer)

11-12:30. **Ecophysiology and Behavior** (chair: S. Kralj-Fišer)

1. M. Jani et al. // A multimethod approach to study the behavioral utilization of spider silk glands
2. J. Dresler et al. // A roadmap to spider venom enzymes
3. A. Quattrocolo et al. // Comparison of venom efficacy of euryphagous and ant-eating spiders against different prey
4. J. Krämer et al. // Equipped for Sexual Stings? The Male-Specific Venom Profile of *Euscorpius italicus*
5. Z. Vehovar et al. // Exploring mating system and sexual cannibalism in a raft spider

14-15:30. **Ecophysiology and Behavior** (chair: F. Samu)

1. M. Bartos // How to bite the prey when it is your first hunt?
2. N. Viel et al. // Same-Same but different: common garden experiments in the range-expanding spider *Zodarion rubidum* (Araneae, Zodariidae)
3. C. Ortiz Movliav // Surviving at the edge: Physiological mechanisms and gene expression patterns in a latitudinally range-expanding spider
4. J. Wolff et al. // Targeted capture of weaver ants with a unique power-amplified silk trap in a tropical cobweb spider (Theridiidae: *Propostira* sp.)
5. L. Sentenska // The function of self-sacrificial behaviour in the brown widow spider

16-17:30. **Ecophysiology and Behavior** (chair: L. Sentenska)

1. F. Samu // The key to agrobiont adaptation is a unique response to daylight changes in the cohort splitting wolf spider, *Pardosa agrestis*
2. S. Kralj-Fišer et al. // Transgenerational effects of maternal feeding on reproductive and offspring traits in *Nephilingis cruentata*
3. O. Michálek et al. // Venom composition of two prey-specialised spiders
4. N. Beydizada et al. // Who is likely to cheat? Linking personality to deception in a gift-giving spider
5. Y. Zvik et al. // Springtime Hitchhikers: First Record of Phoresy in Pseudoscorpions on a Scorpion Host
6. Cabon et al. // Inter-specific comparison of temperature-size relationships in spiders along an urbanization gradient

## Tuesday 27th

9:30-10:30. Key-note: **Some blind spots in spider biology** (R. Foelix) (chair: G. Uhl)

11-12:30. **Ecology** (amphi A) (chair: Y. Lubin)

1. E. Gravesen // Arthropod food webs in the foreland of a retreating Greenland glacier: Combining molecular gut content analysis with SEM
2. M. Isaia et al. // A tale from the rugged mountains: advances on the conservation ecology of *Vesubia jugorum*, assessed as EN by the IUCN Red List
3. G. Kmira et al. // Ecological Drivers of Riparian Spider Communities (Araneae) in North-Western Tunisia: Unveiling Patterns of Diversity
4. T. Hamřík et al. // Effect of clear-cutting and retention forestry on the biodiversity of ground-dwelling spiders in commercial floodplain forests
5. L. Černecká et al. // Effect of the nutritional quality in the quadri-trophic food web interaction
6. Z. Ganem et al. // Energy source is a good predictor for predator assemblage and food-webs in Levantine caves

14-15:30. **Ecology** (amphi A) (chair: M. Isaia)

1. F. Cortés-Fossati et al. // Evolution of highly toxic venoms in spiders
2. C. Komposch et al. // GLORIA Extended – A new zoological approach for a summit- and climate monitoring! Arachnological results in Austria
3. T. Fusco et al. // Ground spiders (Chelicerata, Araneae) of an urban green space: intensive sampling in a protected area of Rome (Italy) reveals a high diversity and new records to the Italian territory
4. M. Marquerie et al. // Diversity and structure of spider communities are mainly determined by vegetation structure at local spatial scales in a forest
5. M. Segoli et al. // Invasive brown widow spiders (*Latrodectus geometricus*) thwart their parasitoids
6. A. Melcher et al. // Land use effects on the functional role of spiders in German permanent grasslands

16-18. Symposium: **Spiders in Agriculture** (chair: K. Birkhofer, M. Entling & R. Michalko)

1. M. Edo // Agroforestry systems to support spider diversity in European farmland
2. W. Khum et al. // Effect of local and landscape factors on predator-prey food web in mango orchards
3. O. Košulič et al. // Effect of spiders and birds on vitality parameters of pear trees in organic orchards
4. J. M. Reiff et al. // Effects of fungus-resistant varieties and organic management on spider assemblages in vineyards
5. E. Canard et al. // Involvement of spiders in the regulation of sugar beet pests
6. R. Michalko // The impact of intraspecific variability on the biocontrol potential of spiders

Thursday 29th

9-10. Key-note: **Diversification of Spiders in the Remote Islands of Oceania** (R. Gillespie) (chair: M. Arnedo)

10:30-12:30. **Biogeography and Conservation** (chair: M. Arnedo)

1. R. Tripathi et al. // Assessment of spider assemblages and their responses to grazing regulation in the Great Indian Bustard habitat of Desert National Park, Rajasthan
2. V. Opatova et al. // Biogeography and species delimitation of the Western Mediterranean trap-door spider genus *Amblyocarenum* (Araneae, Nemesiidae)
3. C. Vink et al. // Getting rid of unwanted Australians – Developing a pheromone tool for the eradication of *Latrodectus hasseltii* in New Zealand
4. M. Huszarik et al. // Investigating indirect effects of stream pollution on the diet of *Tetragnatha montana* using DNA metabarcoding
5. K.-H. Jeong et al. // Road to cave: speciation hypothesis of *Spelaeochthonius*
6. H. Kinga et al. // Spider Community Composition in Different Forests in Ghana
7. D. Hlebec et al. // Rampant convergent evolution in pseudoscorpions from disparate cave systems: Hawaiian lava tubes and Europe's Dinaric caves
8. C. Komposch et al. // Reaching for the skies – Arachnological canopy research in the Alps (Arachnida: Araneae, Opiliones)

14-15:30. **Ecology** (chair: M. Řezáč)

1. A. Bellvert et al. // May it be a light to you in dark places: understanding distribution and interactions among European subterranean spiders
2. A. Vasiliev et al. // New Spider Families in Moldova: Miturgidae, Oecobiidae, Zodariidae; conservation status of the genus *Atypus* in Moldova
3. E. Gavish-Regev et al. // Revisiting the pseudoscorpions of Israel – an unexplored diversity
4. A. Piquet et al. // Spider diversity along an urbanization gradient through space and time
5. M. Tolve et al. // Spiders along elevational gradients: who is in danger?
6. Y. Alioua et al. // Spiders and scorpions of the Algerian Sahara: Review and new records (Araneae; Scorpiones)

16-17:30. **Ecology** (chair: A. Zamani)

1. B. Schnerch et al. // Web-building spiders as biocontrol agents in apple orchards under different management practices
2. E. Piano et al. // The importance of being green: increasing green coverage in cities affects taxonomic and functional diversity of spiders
3. A. Sozontov // Digitizing spider biodiversity data: from literature legacy to digital lake
4. R. Bucher et al. // The role of spiders in the cascade from land use to crop yield - a pan-European synthesis
5. N. Zarijian et al. // Urbanization and Spider Diversity in Armenia
6. F. Hosseini et al. // Investigating arthropod biodiversity in the Hyrcanian Caspian Forest using eDNA metabarcoding of spiders' webs

Friday 30th

9:30-10:30. Key-note: **Picturing arachnids in systematics** (N. Dupérré) (chair: C. Rollard)

11-12:30. Symposium: **Publishing strategies and publishing options** (chair: G. Uhl)

Impulse talk: G. Uhl

Arachnology Journals: profiles by the editors

11:50. Peer Community In: D. Bourguet & T. Guillemaud

14-15:45. **Systematics** (chair: V. Opatova)

1. T. Szűts et al. // Opening Pandora's box: Integrative taxonomy of *Eresus*
2. D. Harms et al. // Re-analyzing a true villain of spider taxonomy: biodiversity and toxin analyses for the Sydney funnel-web spider *Atrax robustus*, a deadly arachnid icon
3. S. Shafaie et al. // Taxonomic insights into Iberian *Zodariion* species (Araneae, Zodariidae): morphological documentation and molecular characterization of the *rubidum* and *styliferum* groups
4. A. M. Sanz-LaParra et al. // The dwarfs that crossed the Ocean: exploring the diversity of Hawaiian linyphiids
5. T. Blick // The tools of the World Spider Catalog and of Spiders of Europe and how everybody can contribute
6. J. Novák et al. // Integrative taxonomical approaches in the exploration of the diversity of the Carpathian *Neobisium* pseudoscorpions (Arachnida: Pseudoscorpiones: Neobisiidae)
7. H.-Y. Lin et al. // A temperate group living in a subtropical country: Species delimitation of leaf-litter dwelling *Allochthonius* (Pseudoscorpiones: Pseudotyranochthoniidae) in Taiwan
8. Y. Marusik et al. // Striking diversity and startling ranges of wandering spiders (Araneae) found in tundra zone in Northeastern Siberia

**16:15-17:30. General Assembly of the ESA**

16:15-16:30. Honorary memberships

16:30-17:15. Society matters, election

17:15-17:30. Student prizes for best talks and posters