

DAILY PROGRAM

Montevideo Time GMT-3

* Student

ORAL PRESENTATIONS will be uploaded **the day before** their presentation, in the Speaker Ready Area (from 8:15 a.m. - 12:15 p.m. and from 4 – 7:30 pm.).

POSTERS PLACEMENT should be done in the morning (from 8:30 a.m.) **on the same day** of their presentation.

DAY 1 (Sunday 5/3)

Assembly Hall - Clemente Estable Biological Research Institute (IIBCE)

([Avenue Italia, 3318](#))

WORKSHOPS

9 a.m. – 1 p.m. Recognizing and interrupting unconscious bias in STEM

Coordination: Maydianne Andrade

2 – 5 p.m. Updating the guidelines for arachnological papers in Zootaxa

Coordination: Christoph Muster and Peter Jäger

(mixed modality, ZOOM link will be sent to registrants)

Blue Room - Municipality of Montevideo (IM)

([Avenue 18 de julio, 1360](#))

3 – 6 p.m. ACCREDITATIONS, LOADING OF PRESENTATIONS (for the following day)

5 – 6 p.m. ISA COUNCIL MEETING *(mixed modality, ZOOM link will be sent to registrants)*

6 – 7:30 p.m. OPENING OF 22ICA. Welcome and toast

Day 2 (Monday 6/3)

Blue Room - Municipality of Montevideo (IM)

(Avenue 18 de julio, 1360)

9 – 10 a.m. PLENARY CONFERENCE

The evolution of the orb-weaving spiders: systematist's perspective. **Gustavo Hormiga**

Introduce: Miguel Simó

(YouTube transmission)

10 a.m. – 12:15 p.m. ORAL PRESENTATIONS – Behavior Module honoring Fernando G. Costa.

Moderators: Luciana Baruffaldi and Carlos A. Toscano-Gadea

10:00 - 10:15. Sin diálogo, ¿hay cópula? El comportamiento sexual de *Pavocosa gallopavo* (Araneae: Lycosidae) con hembras dormidas. **Paulina Pintos***

10:15 - 10:30. "Love bites" in Sparassidae Bertkau 1872 — more usual than thought? **Peter Jäger**

10:30 - 10:45. What is behind the plug: determinants of an inter-sexual mating plug in a scorpion. **Mariela Oviedo-Diego***

10:45 - 11:00. Advertisement predicts male success in acquiring new clutches in a Neotropical arachnid with exclusive paternal care. **Laís A. Grossel***

11 – 11:15 a.m. COFFEE BREAK

11:15 - 11:30. Awaken beauties: mating quiescence in arachnid females. **Franco Cargnelutti**

11:30 - 11:45. Proportional processing of colour patterns in sexual selection of jumping spiders. **Wei Zhou**

11:45- 12:00. Current knowledge on the sensory biology of harvesters (Opiliones). **Rodrigo Willemart**

12:00 - 12:15. A new vision of equity and decolonization in Arachnology. **Lauren Esposito**

12:15 – 1:45 p.m. LUNCH TIME

1:45 – 2:35 p.m. YOUNG RESEARCHER CONFERENCES

Moderator: Miquel Arnedo

(*YouTube transmission*)

1:45 - 2:10. Where, when, how and why?: phylogeography of two atypical wolf spiders that inhabit the sandy coasts of South America. **Leticia Bidegaray-Batista**

2:10 - 2:35. Bark spiders (Araneidae, *Caerostris*): new insights into the evolutionary and natural histories of an exceptional genus. **Matjaž Gregorič**

2:35 – 3:50 p.m. ORAL PRESENTATIONS – Taxonomy and Phylogenetic Systematic Module honoring Maria Elena Galiano.

Moderators: Martín J. Ramírez and Cristina A. Rheims

2:35 - 2:50. Phylogeny of *Phidippus* (Araneae, Salticidae) using Ultraconserved Elements: re-assessing morphological species groups. **Luis C. Hernández Salgado***

2:50 - 3:05. Clarifying the phylogenetic placement of the Eupoinae (Araneae: Salticidae) with a novel UCE probe set. **Wayne P. Maddison**

3:05 - 3:20. Understanding the wolf sex: morphology and evolution of genital organs in wolf spiders. **Luis Piacentini**

3:20 - 3:35. Describing spider species for tropical regions in reasonable times using diversity inventories (Araneae: Araneomorphae). **Fernando Álvarez-Padilla**

3:35 - 3:50. Understanding the configuration of the cheliceral teeth across marronoid spiders using different morphological character coding strategies. **Franklyn Cala-Riquelme**

3:50 – 4:05 p.m. COFFEE BREAK

4:05 – 5:45 p.m. SYMPOSIUM – Solifugae: current knowledge and future directions

Coordination: David Vrech and Paula Cushing

PANELISTS

Does Haplocnemata hold water? Phylogenomic placement of Solifugae in the chelicerate tree of life. **Prashant Sharma**

Sexual selection in the blink of an eye: mating strategies and reproductive characteristics in solifuges (Arachnida, Solifugae). **David Vrech**

North American camel spiders (Arachnida, Solifugae, Eremobatidae): systemic revision and biogeography of an understudied taxon (Arachnida, Solifugae). **Paula Cushing**

Camel spider trait evolution demonstrates repeated patterns of convergence of historically delimiting characters (Arachnida: Solifugae: Eremobatidae). **Erika Garcia**

Integrative taxonomic approaches in resolving the polyphyly of *Eremobates* camel spiders (Solifugae: Eremobatidae). **Ryan R. Jones**

6 – 7:30 p.m. POSTERS PRESENTATIONS

BEM001- Breaking unconscious gender biases: lessons from 23 years of Latin Arachnology Congresses. **Nancy Lo-Man-Hung***

TSB002- Sudanese spiders (Araneae) in the National Museum in Prague (Czech Republic). **Petr Dolejš**

BEM003- Protein composition of minor ampullate silk makes its properties different from those of major ampullate silk in Araneidae spiders. **Hiroyuki Nakamura***

BEM004- Salinity effect on activity in a native wolf spider: *Allocosa senex*. **Luciano Brandolino***

TSB005- Total evidence phylogeny and taxonomic revision of *Tibelloides* Mello-Leitao, 1939 (Araneae, Philodromidae). **André W. Prado***

BEM006- On the individual role of fluorescence and ultraviolet reflection on prey attraction by orb-web spiders. **Yuri Fanchini Messas**

TSB007- Two new species of *Sarinda* Peckham & Peckham, 1892 with an update on Sarindini diversity in Uruguay (Araneae: Salticidae). **Damián Hagopían***

TSB008- Molecular data reveal cryptic species within the most common tarantula spider from Argentina, *Catumiri argentinense* (Araneae: Theraphosidae). **Nelson Ferretti**

TSB009- Resolving the Textbook scorpion: phylogenetics of the Scorpion genus *Paruroctonus* Werner, 1934. **Felix Duley***

BEM010- Preferring the new one: recognition of previous mates in a spider. **Alfredo V. Peretti**

BEM011- Staying alive: how harvestmen avoid predation. **Nathalia Ximenes***

BEM012- Associations of spiders *Alpaida quadrilorata* (Araneidae) and *Arachosia proseni* (Anyphaenidae) with rosette-shaped plants: a geographic approach. **João Vasconcellos-Neto**

BEM013- Comportamiento alomaternal en *Anelosimus viera* (Araneae, Theridiidae). **Maria de Fátima da Rocha Dias**

BEM014- A review of the homemade methods for scorpion control. **Gabriel P. Murayama***

BEM015- Does a low residual concentration of the pyrethroid Bifenthrin affect courtship and mating behavior in *Argiope trifasciata*? **Matthias Foellmer**

BEM016- Spiders fed by protein rich, and lipid rich diets did not differ in dispersal tendencies, light helped them to find appropriate spots for ballooning. **Nela Gloríková***

BEM017- Salinity and temperature effects on body size and physiology of a sand-dwelling spider, *Allocosa senex* (Araneae: Lycosidae). **Lucía Rabinovich***

BEM018- Postembryonic ontogenetic change in prey selection by *Chryssa compressa* (Theridiidae) in a Brazilian rainforest. **Brenda Kelly Souza-Santiago***

BEM019- Slower than rocks: evolutionary movement of low-dispersal spiders across the Western Nearctic. **Erik Ciaccio***

TSB020- New specimens and comments on the Crato formation araneofauna, Lower Cretaceous of Brazil. **Elis Maria Gomes Santana***

TSB021- Revisão taxonômica do Gênero *Tetragnatha* (Arachnida: Araneae: Tetragnathidae) no Brasil e Argentina. **Pedro de S. Castanheira**

TSB022- The complete mitochondrial genome of *Erigone atra* Blackwell, 1833 (Araneae, Linyphiidae). **L. Brian Patrick**

BEM023- Food provisioning to *Pardosa* spiders decreases levels of tissue-resident endosymbiotic bacteria. **Milan Řezáč**

BEM024- Diversity of the Genus *Pardosa* (Araneae, Lycosidae) in European Russia. **Yuri M. Marusik**

TSB025- Molecular phylogeny of *Euagrus* funnel-web spiders (Mygalomorphae: Euagridae). **Arnau Calatayud Mascarell***

BEM026- *Megaraneus*: A new case of extreme sexual size dimorphism in araneid spiders. **Klemen Čandek**

BEM027- Composición de la comunidad de arañas presentes en cultivos ecológicos de naranja de Copacabana, Colombia. **Marco A. Benamú Pino**

BEM028- Ecotoxicological effects of Glyphosate herbicides on web spiders. **Marco A. Benamú Pino**

BEM029- Community of spiders in bell pepper crop (*Capsicum annuum*) in greenhouses, with conventional systems and in agroecological transition. **Marco A. Benamú Pino**

BEM030- Identification of spider fauna through its genitalia in Sheringal kp Pakistan. **Numan Khan**

BEM031- Diversidad de la familia Araneidae en áreas conservadas e intervenidas del Noroccidente de Ecuador. **Mariela Domínguez-Trujillo***

BEM032- Limitations of sperm transfer in spiders - coevolution of morphology and behaviour. **Dharmarathne Chathuranga***

BEM033- Seasonal male dimorphism dynamics of *Phalangium opilio* (Opiliones: Phalangiiidae). **Fuga Matsui***

TSB034- Using ultraconserved elements to delimit cryptic species in the New Zealand harvester *Aoraki denticulata* (Arachnida, Opiliones, Cyphophthalmi). **Haley L. A Heine***

TSB035- Phylogenetic analysis and reclassification of spider families Cyrtaucheniidae and Rhytidicolidae (Araneae, Mygalomorphae) using genomic scale data. **Rafael P. Indicatti**

BEM036- Effect of species composition and stand age on spider (Araneae) and harvestmen (Opiliones) communities in Scottish managed plantations. **Andrada Denisa Opris***

TSB037- Redelimitation of the genus *Idiops* Perty, 1833 (Idiopidae) and transfer of five species to the genus *Segregara* Tucker, 1917. **Rafael Fonseca-Ferreira***

BEM038- Scorpions that don't break the rules? Hypoallometry for genital traits and hyperallometry for dimorphic sexual traits. **Julieta Jazmín Giménez Carbonari***

BEM039- Patrones ambientales que inciden en la distribución de los gremios de arañas en plantaciones de *Eucalyptus dunnii*. **María Belén Maldonado**

BEM040- Exploring the morphological and functional consequences of the orthognath-to-labidognath cheliceral transition in spiders. **Megan Ma***

8 – 10 p.m. ARACHNO-OLYMPIC GAMES. In the Sport fields of the Instituto Alfredo Vázquez Acevedo (IAVA) ([José Enrique Rodó 1875](#)).

DAY 3 (TUESDAY 7/3)

Blue Room - Municipality of Montevideo

(Avenue 18 de julio, 1360)

9 – 10 a.m. PLENARY CONFERENCE

Mining new potential therapeutic drugs in spider venoms. Ma. Elena De Lima Pérez García

Introduce: Carmen Viera

(YouTube transmission)

10 a.m. – 12:15 p.m. ORAL PRESENTATIONS- Taxonomy Module.

Moderators: Hannah M. Wood and Abel Pérez-González

10:00 - 10:15. Mistaken synapomorphy: the evolutionary developmental origins of the patella.

Benjamin C. Klementz*

10:15 - 10:30. 3D reconstruction reveals a long copulatory organ and long sperm storage organ in a pholcid spider with one palp insertion. **Matías A. Izquierdo**

10:30 - 10:45. Evolutionary history and systematic review of the Andean-Patagonian Triaenonychids (Opiliones: Laniatores: Triaenonychidae). **Williams Porto***

10:45 - 11:00. Chasing the wanderer: phylogenomics reveals incomplete convergent morphological evolution associated to habitat shifts in tropical wandering spiders (Araneae, Ctenidae). **Nicolás Hazzi***

11:00 – 11:15 a.m. COFFEE BREAK

11:15 - 11:30. The tale of three cousins: systematic revisions of the Laniatorean genus *Paraconomma* Roewer, 1915. **Daniel N. Proud**

11:30 - 11:45. A novel Iroquois copy is required for patterning the boundary between prosoma and opisthosoma in the spider *Parasteatoda tepidariorum*. **Emily Setton***

11:45- 12:00. Comparative analysis of the scorpion brain using micro-ct. **Valentin L. Ehrental***

12:00 - 12:15. Gene expression in regenerating spinnerets of *Grammostola actaeon* (Pocock, 1903) (Araneae: Theraphosidae). **Nancy Lo-Man-Hung***

12:15 – 1:45 p.m. LUNCH TIME

1:45 – 2:35 p.m. YOUNG RESEARCHER CONFERENCES

Moderator: Anita Aisenberg

(*YouTube transmission*)

1:45 - 2:10. Is species discrimination under female or male control? An experimental approach using widow spiders. **Luciana Baruffaldi**

2:10 - 2:35. Testing multiple hypotheses about the history of Neotropical rainforests with a complete phylogeny of spiny orb-weavers (*Micrathena*). **Ivan Magalhaes**

2:35 – 3:50 p.m. ORAL PRESENTATIONS – Behavior and Ecology Module.

Moderators: Fedra Bollatti and Mariángeles Lacava

2:35 - 2:50. Are chemical defenses and coloration correlated in Gonyleptidae? **Nathalia Ximenes***

2:50 - 3:05. Dangerous attraction: risks and benefits of pheromone-induced behavioral state changes. **Guilherme F. Pagoti***

3:05 - 3:20. The mechanism and function of self-sacrifice in the brown spider. **Lenka Sentenska**

3:20 - 3:35. Evaluating thermal niche of a predator–prey system: do spiders have similar preferred temperatures than their prey? **Andrés Taucare-Ríos**

3:35 - 3:50. Small and large spatial scale drivers of spider diversities in sub-arctic peat bogs. **Axel Hacala***

3:50 – 4:05 p.m. COFFEE BREAK

4:05 – 5:45 p.m. SYMPOSIUM – Advances in the role of spiders in agroecosystems

Coordination: Luis Fernando García and Stano Pekar

PANELISTS

Trophic interactions in agroecosystems: implications for biological control. **James Hardwood**

Variations in life history traits of lycosid spiders in agro-systems. **Julien Pétilion**

Spiders as study models in agroecosystems: cases from Uruguay. **Luis Fernando García**

Winter-active spiders can control insect pests. **Stano Pekár**

Red Room - Municipality of Montevideo

(Avenue 18 de julio, 1360)

10 a.m. – 12:15 p.m. ORAL PRESENTATIONS – Ecology Module.

Moderators: Glauco Machado and Macarena González

10:00 - 10:15. Habitat use among tropical rainforest solitary and group living spiders with different web architectures (Jatun Sacha, Napo, Ecuador). **Esteban Calvache***

10:15 - 10:30. To discover the undiscovered – the diversity of jumping spider fauna from the Philippines Archipelago – preliminary results. **Łukasz Trębicki**

10:30 - 10:45. Method for identification of *O*-glycosylation in arachnid prey capture proteins. **Mercedes Burns**

10:45 - 11:00. Effects of landscape structure in arachnids' assemblages of four different Brazilian biomes. **André Lira**

11:00 – 11:15 a.m. COFFEE BREAK

11:15 - 11:30. Spider fauna of the Tropical Montane Cloud Forests (TMCFs) of the Western Ghats Biodiversity Hotspot in India. **Mathew M. Joseph**

11:30 - 11:45. From faunistics to systematics: diversity of Linyphiid spiders in temperate and tropical forest of Mexico (Araneae: Araneoidea). **Marcial A. Galán-Sánchez***

11:45- 12:00. Striking diversity and startling ranges of spiders (Araneae) found in tundra zone in Northeastern Siberia. **Yuri M. Marusik**

12:00 - 12:15. Spider biodiversity in New Zealand horticultural ecosystems. **Nicola J. Sullivan***

12:15 – 1:45 p.m. LUNCH TIME

2:50 – 3:50 p.m. ORAL PRESENTATIONS – Systematic and Taxonomy Module.

Moderators: Mercedes Burns and Matjaž Kuntner

2:50 - 3:05. Phylogeny and evolution of foraging behavior in nursery web spiders (Araneae, Pisauridae). **Sarah Morris***

3:05 - 3:20. Taxonomy and systematics of the 'backobourkiine' spiders, a new Australian subfamily of orb-weavers (Araneae, Araneidae). **Pedro de S. Castanheira**

3:20 - 3:35. Raft spiders of Madagascar: Integrative taxonomy of *Dolomedes*. **Kuang-Ping Yu***

3:35- 3:50. Expression and function of retinal determination network homologs in the harvestman *Phalangium opilio*. **Guilherme Gainett***

3:50 – 4:05 p.m. COFFEE BREAK

4:05 – 5:50 p.m. ORAL PRESENTATIONS – Systematic and Taxonomy Module.

Moderators: Lauren Esposito and Mark Harvey

4:05 - 4:20. A spiny problem: iterative taxonomic review and species delimitation in the *Micrathena triangularispinosa* species group (Araneae: Araneidae). **Pedro Martins***

4:20 - 4:35. The pseudoscorpion family Hyidae – new phylogenetic data and a remarkable subterranean radiation in the Australian desert. **Mark Harvey**

4:35 - 4:50. Phylogenomics analysis of *Idiops* Perty, 1833 and Idiopinae Simon, 1889, based in ultraconserved elements (UCE): first results. **Rafael Fonseca-Ferreira***

4:50 - 5:05. Testing for sex-differences and considering the phylogenetic context for opsin expression patterns in widow spiders. **Charmeine Condy***

5:05 - 5:20. Species delimitation of Chihuahuan and great plains *Eremobates palpisetulosus* species group through an integrative taxonomic approach. **Goran Shikak***

5:20 - 5:35. Differences in the fine-structure of cribellar thread attachments indicate divergent construction behavior and biomechanical function. **Martín J. Ramírez**

5:35 - 5:50. Frontiers in Arachnid Science: seven grand challenges in our field. **Matjaž Kuntner**

6 – 7:30 p.m. POSTERS PRESENTATIONS

BEM041- Efecto de la aplicación de caldosulfocalcico (csc) sobre el ácaro del género *Brevipalpus*. **Melany Gutierrez**

BEM042- Dispersión, distribución y estructuración genética en *Aglaoctenus lagotis*: una araña lobo de tela prioritaria para la conservación en Uruguay. **Nadia Kacevas***

TSB043- Hidden in the caves: new troglobitic species of *Spaeleoleptes* and the type species redescription (Opiliones: Laniatores: Escadabiidae). **Maria Paula Pereira***

BEM044- Population ecology of *Chryso compressa* (Keyserling, 1884), a theridiid spider with extended maternal care. **Brenda Kelly Souza-Santiago***

BEM045- Teleportation in huntsman spiders: comparative running speeds in 28 sparassid species.

Linda S. Rayor

BEM046- Models and reality of the distribution of two tarantulas after two decades: *Eupalaestrus weijenberghi* and *Acanthoscurria cordubensis* in Uruguay. **David Ortíz-Villatoro***

BEM047- Effects of insecticides on the mobility and activity rhythms of *Hogna* cf. *bivitatta* from soybean crops. **Mariángeles Lacava**

BEM048- Poliginandria en el opilión *Pachyloides thorellii* (Laniatores, Gonyleptidae). **Estefanía Stanley***

BEM049- The arachnid tank: defensive behavior in the ricinuleid *Cryptocellus narino*. **Luis Fernando García**

BEM050- Experimental evidence that the pesticide bifentol cal kill or be ineffective against the yellow scorpion *Tityus serrulatus*. **Gabriel P. Murayama***

TSB051- Revisao sistemática e análise filogenética de *Linothele* Karsch, 1879, con enfase nas especies do Brasil (Araneae, Mygalomorphae, Dipluridae). **Gabriel Moreira Wermelinger***

TSB052- Nove espécies novas do gênero *Epicratinus* Jocqué & Baert (Araneae: Zodariidae). **Ricardo Antonio Gonçalves***

BEM053- First register of *Pseudogaurax tridens* (Diptera: Chloropidae) associated to eggs sac of *Argiope argentata* (Araneae: Araneidae) in northeastern Brazil. **Lílian A. Santiago***

TSB054- Taxonomic notes on African (Mozambique & Madagascar) Biantidae (Opiliones, Laniatores). **Vanesa Mamani***

BEM055- Does temperature affect the feeding behavior of *Mecicobothrium thorelli* (Araneae, Mecicobothriidae)? **Justina Panchuk***

BEM056- Seleção de habitat em escala fina em três espécies de aranhas associadas a troncos de árvores: uma aproximação experimental. **German Villanueva***

TSB057- Unveiling the Neotropical Philodromidae: two new genera of running crab spiders from South America. **Hector B.P. Schinelli***

BEM058- Nitrogen addition changes the abundance of foliage spiders in Patagonian woodlands. **Gabriel Pompozzi**

BEM059- Behavioural manipulation of the spider *Leucauge argyra* (Tetragnathidae) induced by the Darwin wasp *Hymenoepimecis pinheirensis* (Ichneumonidae). **Anna Luiza Oliveira Martins***

TSB060- Five new species of Zalmoxidae (Opiliones: Laniatores: Zalmoxoidea) from Peru, a morphology approach. **Arli Ginger Ayala-Apaza***

TSB061- A new species of *Pinelema* Wang & Li, 2012, a relictual troglomorphic telemid inhabiting caves in Brazil (Araneae, Telemidae). **Antonio Brescovit**

TSB062- A new genus of Heteropodinae spiders from northern South America (Araneae: Sparassidae). **Cristina A. Rheims**

BEM063- Toxicity of Methoxyfenozide on the orb-web spider *Alpaida veniliae* (Araneae, Araneidae): cytotoxicity in ovaries. **Marco A. Benamú Pino**

BEM064- Ecotoxicological effects on spiders of three pesticides used in greenhouses of bell pepper crop (*Capsicum annuum*). **Marco A. Benamú Pino**

BEM065- Effects of a broad-spectrum insecticide on the nanostructure and mechanical properties of *Parawixia audax* (Araneae, Araneidae) spider silk. **Marco A. Benamú Pino**

BEM066- Effect of pesticides on the development of oocytes and sac eggs of *Alpaida veniliae* (Araneae, Araneidae). **Marco A. Benamú Pino**

TSB067- An Opiliones-specific ultraconserved element probe set with a near-complete family-level phylogeny. **Shahan Derkarabetian**

TSB068- The hox logic of the chelicerate prosoma in the daddy longlegs *Phalangium opilio*. **Guilherme Gainett***

TSB069- The Fauna Portal Web Identification Platform: a concept for the rapid documentation of undescribed species. **Pedro de S. Castanheira**

TSB070- The newest and the oldest in the same jar: redescription of *Ceratontia capensis* and description of a new species of *Ceratontia* for South Africa (Opiliones: Laniatores: Triaenonychidae). **Williams Porto***

BEM071- An arachnid's guide to being an ant: morphological and behavioral mimicry in ant-mimicking spiders. **Divya Uma**

BEM072- Assessing arachnid diversity in Eurasia during the Eocene. **Stephanie F. Loria**

TSB073- Description of mymecophylous pseudoscorpion *Sphenochernes bruchi* (Mello-Leitão, 1925). **Andrés O. Porta**

TSB074- Spider inventory of the riparian forest of Río Negro, Uruguay reveals biogeographical implications of species distribution. **Damián Hagopían***

TSB075- Which is the real *Plesiopelma longisternale*? Revision of types, molecular phylogeny and morphology. **Nelson Ferretti**

BEM076- Unexpected diversity: the Mygalomorph spider community from a natural reserve representative of the dry Chaco region in Argentina. **Nelson Ferretti**

BEM077- Aversive conditioning and memory in the harvester *Mischonyx cuspidatus* (Arachnida: Opiliones). **Guilherme F. Pagoti***

BEM078- Selección y evaluación de una araña como potencial controlador biológico en cultivos ecológicos de naranja en Copacabana. **Carmen Viera**

8:30 p.m. BERINGIA PARTY. Brewery Ábalos ([Ábalos 3196](#)).

DAY 4 (Wednesday 8/3)

7:30 a.m. TOUR TO MALDONADO (expected return time 6:00 p.m.)

Museo de Arte Contemporáneo Atchugarry (MACA)

([Route 104, km 4.5, Manantiales](#))

10 – 11 a.m. PLENARY CONFERENCE

Control, context, and choosiness: Flipping the lens to see female tactics in widow spiders.

Maydianne Andrade

Introduce: Luciana Baruffaldi

(*YouTube transmission*)

DAY 5 (Thursday 9/3)

Blue Room - Municipality of Montevideo

(Avenue 18 de julio, 1360)

9 – 10 a.m. PLENARY CONFERENCE

Genitalic evolution in Opiliones and its importance in the systematic of Laniatores. **Abel Pérez González**

Introduce: Carlos A. Toscano-Gadea

(YouTube transmission)

10 a.m. – 12:15 p.m. ORAL PRESENTATIONS – Diversity and Biogeography Module.

Moderators: Miquel Arnedo and Cristina A. Rheims

10:00 - 10:15. Endemic Mygalomorph spiders of Western Ghats, India. **Jose K. Sunil***

10:15 - 10:30. Diversity and biogeography of New Zealand's Cyphophthalmi. **Sarah L. Boyer**

10:30 - 10:45. Karstification as a major trigger for diversification in Croatian pseudoscorpions. **Dora Hlebec***

10:45 - 11:00. All things conserved: employing ultraconserved elements and machine learning for species delimitation and conservation. **Hugh Steiner***

11:00 – 11:15 a.m. COFFEE BREAK

11:15 - 11:30. Biogeography of *Karaops* (Araneae: Selenopidae) flatie spiders in Australia. **Sarah Crews**

11:30 - 11:45. Systematics and biogeography of *Paravulsor* (Xenoctenidae): an endemic genus from the Brazilian Atlantic forest. **Mayara D.F. Magalhães***

11:45 - 12:00. Eight-legged jewels in the haze: an approach to tarantula (Araneae: Tbillheraphosidae) diversity and biogeography in the Jubones basin, Southwestern Ecuador. **Pedro Peñaherrera-R.***

12:00 - 12:15. A new biogeographic modeling approach on the Southernmost limits of the Atlantic Forest biome using spiders. **Miguel Simó**

12:15 – 1:45 p.m. LUNCH TIME

1:45 – 2:35 p.m. YOUNG RESEARCHER CONFERENCES

Moderator: Hannah M. Wood

(YouTube transmission)

1:45 - 2:10. Phylogeography of two Asian golden orbweavers. **Eva Turk**

2:10 - 2:35. Insights about diversification processes from spiders of the Pacific. **Darko Cotoras**

2:35 – 3:50 p.m. ORAL PRESENTATIONS – Behavior Module honoring William G. Eberhard

Moderators: Anita Aisenberg and Alfredo Peretti

2:35- 2:50. Determinants of sperm allocation in males of *Allocosa senex* (Lycosidae), a species with high reproductive investment. **Fedra Bollatti**

2:50 - 3:05. Copulatory mechanics in *Josa* (Anyphaenidae) — unveiling the function of femoral apophyses in spiders that lost the RTA. **Dante Poy***

3:05 - 3:20. Sneaker males mimic females and deceive territorial males in a harvestman with alternative reproductive tactics. **Diego Solano-Brenes***

3:20 - 3:35. Vibratory signalling patterns in male *Steatoda nobilis* during courtship displays. **Shegufta Rahman***

3:35 - 3:50. Sexual conflict and differential breeding season length. **Ryan Bacon***

3:50 – 4:05 p.m. COFFEE BREAK

4:05 – 5:45 p.m. SYMPOSIUM– Subsocial and social spiders

Coordination: Carmen Viera

PANELISTS

Taking care of the enemy: a subsocial spider with extended maternal care bodyguarding cocoons of Darwin wasps. **Yuri F. Messas**

Exploring the social brain hypothesis in spiders. **Vanessa Penna-Goncalves**

Adaptive significance of differences in behavioral and life-history patterns between prolonged-subsocial and solitary huntsman spider species. **Linda Susan Rayor**

Aliens on the web: distribution and abundance of commensals (*Philoponella feroxa*, Uloboridae) on social spider webs (*Stegodyphus sarasinorum*, Eresidae). **Divya Uma**

Rainy sites harbor bigger insects and predict the occurrence of social spiders. **Jenifer Guevara**

5:45 – 6 p.m. GROUP PHOTO

6 – 7:30 p.m. POSTERS PRESENTATIONS

BEM079- “Slow science” renaissance: understanding the ecology, natural history and demography of a highly endemic Mygalomorph spider from Argentina. **Nelson Ferretti**

TSB080- Phylogenetic revision of the Opiliones family Neopilionidae with an UCE phylogeny. **Pietro Tardelli Canedo***

BEM081- Effect of legs removal on the web architecture of *Neoscona theisi*. **Muhammad Khalid Mukhtar**

BEM082- Taking care of the enemy: egg predation by the Darwin wasp *Tromatobia* (Ichneumonidae) on the cobweb spider *Chryso compressa* (Theridiidae). **Brenda Kelly Souza-Santiago***

TSB083- Systematic review of *Pseudopilanus* (Pseudoscorpiones: Chernetidae). **Marilia Pessoa-Silva***

TSB084- An approach to Amazonian curtain-web spiders’ knowledge: description of new species *Linothele* Karsch, 1879 (Mygalomorphae: Dipluridae) from the upper Amazonia. **Ariel Guerrero-Campoverde***

BEM085- Tourism facilitates extra-range dispersion of non-native araneid spiders in the Galápagos Islands, Ecuador. **Daniel Die***

BEM086- Natural history and behavior of immature stages of *Eruga unilabiana* (Hymenoptera: Ichneumonidae) parasitoid of *Sphecozone* sp. and *Eurymorion* sp. (Linyphiidae). **Luis Campili Pereira***

BEM087- How many jumping spider species are there in Brazil? **Alexandre S. Michelotto***

BEM088- Efeito da urbanização sobre o padrão de diversidade e a condição corporal de escorpiões da Mata Atlântica. **Matheus Feitosa***

BEM089- Libro ilustrado para la enseñanza de arácnidos y náhuatl en niños de preescolar en la Sierra Norte de Puebla, México. **Hilda Gabriela Sánchez**

TSB090- Nuevo registro de *Lustrochernes grossus* (Arachnida: Pseudoescorpiones) en Zacapoaxtla, Puebla, México. **Arnoben Martinez***

BEM091- El salto del lobo: dimorfismo y comportamiento sexual en *Paratrochosina amica* (Mello-Leitão, 1941), una Allocosinae de pastizales sudamericanos. **Verónica Gonnet***

TSB092- Hidden by morphology: an unexpected new Mygalomorph spider genus for meridional South America (Araneae, Pycnothelidae). **Rafael P. Indicatti**

BEM093- Affirmative actions to promote and support underrepresented groups in scientific events. **Nancy Lo-Man-Hung***

BEM094- Sexual behavior in subsocial species of *Anelosimus*. **Carmen Viera**

TSB095- Revisão taxonômica do gênero *Tullgrenella* mello-leitão, 1941 (Araneae: Salticidae: Freyina). **Kimberly da Silva Marta***

BEM096- Wingless flight: an update on ballooning in spiders and the erratical use of terms. **Carolina Guerra***

BEM097- Identification of spider fauna through its genitalia in union council Doag dara, Tehsil Sheringal, Dir Upper Khyber Pakhtunkhwa Pakistan. **Ikram Ullah**

BEM098- *Dysdera parthenogenetica* sp. nov. (Araneae: Dysderidae), an unique case of parthenogenesis in spiders. **Milan Řezáč**

BEM099- Developmental instability of spermatophore production in scorpions. **Mariela Oviedo-Diego***

BEM100- ¿Quién se parece a quién? Comportamiento sexual de la araña lobo "mixta" *Diapontia uruguayensis*. **Macarena González**

BEM101- Predatory behavior in the spider *Pikelinia* sp. (Araneae: Filistatidae). **Luis Fernando García**

BEM102- Spider communities of natural grasslands change across different ecoregions of Uruguay. **Gabriel Pomposi**

TSB103- On the Neotropical spider genus *Otoniela* Brescovit, 1997 (Araneae: Anyphaenidae, Anyphaeninae), with the description of six new species. **Antonio Brescovit**

BEM104- A temporal approach to a spider-wasp interaction in an anthropized area of southeastern Brazil. **Anna Luiza Oliveira Martins***

BEM105- Phenology and spatial distribution of *Latrodectus corallinus* in a high Andean area of Peru. **Marco A. Benamú Pino**

BEM106- Host range and sex determination of spider ectoparasitoid, *Minagenia* sp. (Hymenoptera, Pompilidae). **Marco A. Benamú Pino**

BEM107- Ability of *Bothriurus bonariensis* (Scorpions: Bothriuridae) to detect chemical signals of insecticide in substrate. **Marco A. Benamú Pino**

TSB108- A new genus of huntsman spiders from the Brazilian Amazonia (Araneae: Sparassidae). **Cristina A. Rheims**

TSB109- The diversity of the genus *Procaeculus* (Acari: Caeculidae) in Burmese amber: description of two new species with contributions to the internal classification of the genus. **Andrés O. Porta**

TSB110- The use of morphometric analysis to delimit two Brazilian tarantulas and news about their biogeographic distribution. **Rafael Fonseca-Ferreira***

TSB111- Resolving phylogeny and generic limits of plexippine jumping spiders using UCE data. **Kiran Marathe***

DAY 6 (Friday 10/3)

Blue Room - Municipality of Montevideo

(Avenue 18 de julio, 1360)

9 – 10:30 a.m. TRIBUTE TO NORMAN I. PLATNICK

Coordination: Gustavo Hormiga and Martín J. Ramírez

PANELISTS

Introduction. **Gustavo Hormiga and Martín J. Ramírez**

Norman's amazing mind: his contributions and cataloguing exploits. **Mark Harvey**

Twenty years of Neotropical Sparassidae: where are we now? **Cristina A. Rheims**

Total evidence analysis with fossils as terminal tips: Burma Terrane shows gondwanan affinities and transported lineages to the Northern hemisphere. **Hannah M. Wood**

Colección Nacional de Arácnidos (CNAN) IBUNAM, arachnids, faunistics, and museomics. **Edmundo González-Santillán**

Phylogenomic analyses of the enigmatic order Ricinulei. **Shahan Derkarabetian**

10:30 a.m. – 12:15 p.m. ORAL PRESENTATION – Systematic Module.

Moderators: Sarah Boyer and Cor Vink

10:30 - 10:45. Webs of intrigue: museum genomics elucidate relationships of the marronoid clade (Araneae). **Jacob A. Gorneau***

10:45 - 11:00. An attempt to reunite the pacific bounty hunter, *Pacificana cockayni* Hogg, 1904, with its family. **Cor Vink**

11:00 – 11:15 a.m. COFFEE BREAK

11:15 - 11:30. Systematic revisions of Cosmetid harvestmen (Opiliones: Laniatores: Cosmetidae) in the Caribbean Islands. **Cielo Disla***

11:30 - 11:45. Phylogenomics and biogeography of the Australian tarantulas (Araneae, Theraphosidae). **Ethan Briggs***

11:45 - 12:00. Revisión sistemática del género *Josa* Keyserling, 1891 (Araneae: Anyphaenidae). **Leonel Martínez***

12:00 - 12:15. Dazzling, diverse Dictynidae: A molecular phylogeny of a tailor's drawer spider family. **Katherine O. Montana***

12:15 – 1:45 p.m. LUNCH TIME

1:45 – 2:35 p.m. YOUNG RESEARCHER CONFERENCES

Moderator: Macarena González

(*YouTube transmission*)

1:45 - 2:10. Wasp parasitoids and spider hosts: nutrition and ecology. **Ľudmila Černecká**

2:10 - 2:35. Effects of the signalling environment on courtship displays of multimodal signalling wolf spiders. **Rowan-McGinley**

2:35 – 3:50 p.m. ORAL PRESENTATIONS – Ecology and Behavior Module.

Moderators: Mariela Oviedo-Diego and Rodrigo Willemart

2:50 - 3:05. Riding on ants: first report of the association between *Attacobius nigripes* (Corinnidae) and the leaf-cutting ants *Acromyrmex lobicornis* (Hymenoptera, Formicidae). **Gabriel Pompozi**

3:05 - 3:20. The flicker fusion camouflage effect: effects of pattern, speed, and eye-masking on camouflage of moving stimuli in jumping spiders. **Min Tan***

3:20 - 3:35. Complementary of taxon- vs. Trait-based metrics to understand diversity patterns in Neotropical forest spiders. **Julien Pétilion**

3:35 - 3:50. Do I attract you? Analysis of the presence and role of contact sex pheromone in a pseudoscorpion. **Rocío Palen Pietri***

3:50 – 4:05 p.m. COFFEE BREAK

4:05 – 5:45 p.m. ISA GENERAL MEETING (*mixed modality, ZOOM link will be sent to registrants*)

5:45 – 7 p.m. PREMIERE OF THE DOCUMENTARY “Unexpected beauty through the eyes of explorers of the tiny world.”

9 p.m. DINNER AND COSTUME DANCING PARTY (Club Uruguay, [Sarandí 584](#))

DAY 7 (Saturday 11/3)

Blue Room - Municipality of Montevideo

(Avenue 18 de julio, 1360)

9 – 10 a.m. ORAL PRESENTATIONS

Moderators: Andrea Albín and Nelson Ferretti

9:00 - 9:15. Spider diversity and ecology in different environments in a hill system of pampa biome. **Manuel Cajade***

9:15 - 9:30. Mexican scorpions, checklist and distribution of species a historical review. **Gerardo Contreras**

9:30 – 9:45. Opiliones del Valle del Cauca, Colombia: una aproximación taxonómica y funcional a su diversidad. **Alejandro Betancourt-Caicedo***

9:45 - 10:00. Within-species diversification of male genitalia? a case study with a male-dimorphic harvestman. **Glauco Machado**

10 – 12:15 p.m. ORAL PRESENTATIONS – Ecology Module honoring Yael Lubin.

Moderators: Dinesh Rao and Carmen Viera

10:00 - 10:15. Discovery and genetic characterization of a novel social system: male aggregations, single cohort colonies, and possible lekking in a Malagasy kite spider. **Ingi Agnarsson**

10:15 - 10:30. Sicariidae do estado da Bahia (Araneae; Arachnida) com foco no gênero *Loxoceles*. **Júlia Andrade de Sá***

10:30 - 10:45. Spiders of Galapagos: habitats and species composition. **Tomás Guerrero***

10:45 - 11:00. Spider web eDNA as a tool for web ecology research. **Janko Šet***

11:00 – 11:15 a.m. COFFEE BREAK

11:15 - 11:30. Understanding the diversity and evolution of the *Aphonopelma marxi* species complex in the Madrean Sky Island Archipelago. **Karina Silvestre Bringas***

11:30 - 11:45. Criteria, challenges and future of Peruvian Opiliones for key biodiversity areas (KBAS) assessment. **Arli Ginger Ayala-Apaza***

11:45 - 12:00. O comercio ilegal de Aracnídeos na Bahia, Brasil (2020). **Esther Verena Guimaraes Franca***

12:00 - 12:15. Diversidad de la comunidad de arañas de la familia Araneidae de la Estación de biodiversidad Tiputini, Amazonía Ecuador. **Diego F. Cisneros-Heredia**

12:15 – 1:45 p.m. LUNCH TIME

1:45 – 3:45 p.m. ORAL PRESENTATIONS – Diversity, Systematics and Ecology Module.

Moderators: Paula Cushing and Luis Piacentini

1:45 - 2:00. One name to rule them all: wastebasket taxa and the unevenness of species richness across the tree of life. **Miquel Arnedo**

2:00 - 2:15. Richness and composition of Mygalomorph spiders from the Atlantic Forest, South America. **Rafael P. Indicatti**

2:15 - 2:30. Run to the hills: phylogeny of the Neotropical high-altitude tarantulas *Haplotremus* (Araneae: Theraphosidae). **Nelson Ferretti**

2:30 - 2:45. Climate relicts: Asian scorpion family Pseudochactidae survived Miocene aridification in caves of the Annamite Mountains. **Stephanie F. Loria**

2:45 - 3:00. Diversity and distribution patterns of Xenoctenidae spiders (Arachnida: Araneae) in Peru. **Diana Silva Dávila**

3:00 - 3:15. Nuevo registro de *Tyrannochelifer floridanus* (Arachnida: Pseudoescorpiones) en el bosque de Pino-Encino en Zacapoaxtla, Puebla, México. **Erika López**

3:15 - 3:30. When a glimpse is enough: An exploration of partial mimicry of jumping spiders using neural networks. **Dinesh Rao**

3:45 – 4:05 p.m. COFFEE BREAK

4:05 – 6 p.m. 22ICA CLOSURE. Presentation of awards for oral presentations and posters.
