## OVERVIEW

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<td>#3 Heike Jäger</td>
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19:00 Welcome Cocktail  
19:00 Conference Dinner  
17:45 Conference closing
Tuesday, 15th September

8:00 - 09:00  
Registration

09:00 - 09:30  
Conference Opening

09:30 - 10:15  
Keynote lecture #1: Franck Courchamp “The massive economic costs of biological invasions worldwide”

10:15 - 10:45  
Coffee break

10:45 - 12:30  
Session #1 – Impacts of biological invaders: from facts to perception and back

10:45 – 11:00  O1 - Guillaume Latombe  
A framework for conceptualising moral values in conservation

11:00 – 11:15  O2 - Lara Volery  
Adding risk of impacts to IUCN EICAT assessments improves prioritization of alien ungulates

11:15 – 11:30  O3 - Bruce Osborne  
Negative, neutral and positive impacts of *Gunnera tinctoria* invasions

11:30 – 11:45  O4 - Anna Probert  
Understanding uncertainty in S/EICAT impact assessments

11:45 – 12:00  O6 - Rubén Bernardo-Madrid  
Environmental and socio-economic impacts of *Pomacea* spp. and *Callinectes sapidus*: A predator-prey interaction in the Ebro Delta (Spain)

12:00 – 12:15  O7 - Giovanni Vimercati  
Introducing EBCAT, a proposed framework to classify environmental benefits of alien taxa

12:15 – 12:30  O8 - Elena Granda  
Impact of non-native tree species on functional diversity of riparian ecosystems

12:30 - 14:00  
Lunch Break

14:00 - 14:45  
Keynote lecture #2: Jonathan Jeschke “Towards an open and interactive atlas of invasion biology”

14:45 – 15:45  
Session #2 – Invaders in biological communities and ecological networks: species interactions, food chains and beyond

14:45 – 15:00  O10 - Minoarivelo Henintsoa Onivola  
Mutualism impedes community assembly and creates empty niches for invasion

15:00 – 15:15  O11 - Quentin Groom  
Integrating species interactions into risk assessment

15:15 – 15:30  O12 - Wolf-Christian Saul  
Fynbos ant communities after *Acacia saligna* invasion and vegetation restoration

15:30 – 15:45  O13 - Florencia Yannelli  
Better to be naïve: Native plant community eco-evolutionary experience rather than soil conditions better explain invasion success of *Senecio inaequidens* in Northern Italy

15:45 - 16:15  
Coffee break & Poster Session
Session #3 – Invaders in biological communities and ecological networks: species interactions, food chains and beyond (chaired by)

16:15 – 16:30 O16 - Vasiliki Balogianni
Poor competitor but successful plant invader: how does Gunnera tinctoria do it?

16:30 – 16:45 O17 - Margherita Gloria
Seed persistence in the soil promotes naturalization and invasiveness in seed plants

16:45 – 17:00 O18 - Ana Novoa
Islands of fertility promote the invasion of Opuntia stricta in Kruger National Park

17:00 – 17:15 O19 - Maud Bernard-Verdier
Are plants adapting to novel urban ecosystems? Plant trait differentiation in response to neophyte abundance and urbanisation

17:15 – 17:30 O20 - Jan Pergl
Alien and native plants: is there an interaction between aboveground dominants and soil attributes?

17:30 – 17:45 O21 - Martin Hejda
Is the impact of invasive plants related to the traits of invaded community or to the trait distances between native species and the invader?

17:45 – 18:00 O22 - Mirjana Šipek
Impact of forest edge characteristics on alien plant species diversity in lowland forest fragments

Wednesday, 16th September

8:30 - 09:00 Registration

09:00 - 09:45 Keynote lecture #3: Heinke Jäger “Humans changing the trajectory of evolution in the Galapagos Islands”

09:45 - 10:30 Session #4 – Invasive species in a changing environment

09:45 – 10:00 O23 - Helen Roy
Predictions to inform decision-making on invasive alien species: global perspectives from expert-elicitation, spread modelling and beyond

10:00 – 10:15 O24 - Philip Hulme
The Epidemiological Framework for Biological Invasions (EFBI): a unified foundation for the assessment of biosecurity threats

10:15 – 10:30 O25 - Michelle Cleary
Converging threats to European ash: Is an invasional meltdown imminent?

10:30 - 11:00 Coffee break

11:00 - 12:15 Session #5 – Invasive species in a changing environment

11:00 – 11:15 O27 - Montserrat Vilà Planella
Understanding the combined impacts of weeds and climate change on crops

11:15 – 11:30 O28 - Yves P. Klinger
Landscape structure affects the spatio-temporal distribution of the invasive legume L. polyphyllus.

11:30 – 11:45 O29 - Bernd Lenzner
The option space of future alien species impacts: an expert based assessment

11:45 – 12:00 O30 - Honza Čuda
Immortal reed: regeneration from stem and rhizome fragments
08:30 - 09:00  
**Registration**

09:00 - 09:45  
**Keynote lecture #5:** Michael Pocock “The role of citizen science as a tool for early detection, monitoring, and managing impacts of invasive species”

09:45 - 10:30  
**Session #8** – Citizen science, social media, and novel technologies for invasion science

09:45 – 10:00  
O43 - Tim Adriaens  
Citizen science for invasive alien species: a preliminary analysis for Europe

10:00 – 10:15  
O44 - Simone Lioy  
Management of the invasive hornet *Vespa velutina* in Italy: from surveillance to early warning and control strategies
10:15 – 10:30  O45 - Niki Chartosia
RELIONMED LIFE project and IUCN-MedMIS: Citizen scientists help to monitor the lionfish distribution and abundance.

10:30 - 11:00  
Coffee break & Poster Session

11:00 - 12:30  
Session #9 – Biogeography and macroecology of invaders across spatial and temporal scales

11:00 – 11:15  O46 - Franz Essl
Range-expanding species that track human-induced environmental change: native or not?

11:15 – 11:30  O47 - Desika Moodley
Alien vascular plants in protected areas of the world – patterns of distribution and species richness

11:30 – 11:45  O48 - Ross Shackleton
What drives the differences in Robinia pseudoacacia invasions between neighbouring countries in central Europe?

11:45 – 12:00  O49 - Phillip Haubrock
Two centuries for an almost complete native to non-native community turnover in a riverine ecosystem.

12:00 – 12:15  O51 - Marija Milanovic
Changes in functional diversity of native and alien urban flora over three centuries

12:15 – 12:30  O52 - Hanno Seebens
Improving science and collaboration through standardising data and workflows in invasion ecology

12:30 - 14:00  
Lunch Break

14:00 – 15:45  
Session #10 – Biogeography and macroecology of invaders across spatial and temporal scales

14:00 – 14:15  O53 - Petr Pyšek
MAcroecological Framework for Invasive Aliens (MAFIA): disentangling large-scale context-dependence in biological invasions

14:15 – 14:30  O54 - Anna Schertler
The “Global Database of Alien Pathogenic Fungi”

14:30 – 14:45  O55 - Ingolf Kühn
The functional composition of the neophytic flora changes in response to environmental conditions along a rural-urban gradient

14:45 – 15:00  O56 - Marina Golivets
A macroecological view on functional trait distribution of native and alien plants under future environmental change in Central Europe

15:00 – 15:15  O58 - Fiona Rickowski
Nesting behaviour shifts in common eider populations of western Iceland as a response to the invasive American mink

15:15 – 15:30  O59 - Marc Riera
Impact of introduction pathways on the spread and geographical distribution of alien species: implications for preventive management in Mediterranean ecosystems

15:30 – 15:45  O60 - Ross Cuthbert
Salinity and geographic origin mediate global alien amphipod invasions

15:45 - 16:15  
Coffee break
16:15 – 17:45 **Session #11** – Biogeography and macroecology of invaders across spatial and temporal scales & Invaders in biological communities and ecological networks: species interactions, food chains and beyond

16:15 – 16:30 O61 - Panayotis Dimopoulos
Exploring the environmental drivers of alien plant diversity patterns in Greece

16:30 – 16:45 O62 - Marta López Darias
Highlighting the severe impacts of invasive ophidians on islands: 20 years of an invasive snake in one of the most biodiverse European archipelagos

16:45 – 17:00 O63 – Jose Postigo
Disentangling the mechanism behind the invasive monk parakeet crop damage using a long term diet study. What if the risk is much higher than calibrated?

17:00 – 17:15 O65 - Jonatan Rodríguez
Biogeographical variation in plant defence and performance of *Carpobrotus edulis* against generalist and specialist herbivores

17:15 – 17:30 O66 - Julie Braschi
Removal of invasive iceplant *Carpobrotus* on a Mediterranean island: 10-year monitoring results on the beetle and spider assemblage dynamics

17:30 – 17:45 O67 - Cristina Maguas
When fire does not stop symbiosis: *Acacia longifolia* and its partners

**Friday, 18th September**

*Excursion*

- Krka National Park
POSTER PRESENTATIONS
(sorted by topics with presenting author indicated)

Impacts of biological invaders: from facts to perception and back

P1 Rumen Tomov
Current distribution of alien crop pests (Insecta) detected during the period 2016-2019 in Bulgaria

P2 Konstantinos Tsirintanis
The impact of native and alien herbivores on the invasion of the chlorophyte Caulerpa cylindracea Sonder

P3 Olena Miskova
Invasive species of the Seymskiy Regional Landscape Park (Ukraine)

P4 Margherita Gioria
Regeneration potential of coastal and riparian communities invaded by large herbaceous plant species

P5 Vasiliki Balogianni
Contrasting effects of two major herbaceous invasive species on community and ecosystem processes

P6 Giorgi Kavtaradze
Invasive woody species and their potential environmental impact on natural riparian and lowland forests of Eastern Georgia (case study of the Gardabani managed reserve)

Invaders in biological communities and ecological networks: species interactions, food chains and beyond

P8 Andrea Budiša
Microbial response to the presence of invasive ctenophore Mnemiopsis leidyi in the coastal waters of the northern Adriatic

P9 Jan Divišek
Functional trait differences between native and alien plant species in local communities of different habitat types

P11 Nina Šajna
Studying invasive plants in their native habitats improves understanding of their invasiveness: Alliaria petiolata and Glechoma hederacea as case studies

P13 Niki Chartosia
Feeding habits of the alien Parupeneus forsskali (Fourmanoir & Guézé, 1976) (Actinopterygii, Mullidae) from Cyprus

P14 Niki Chartosia
Diet composition of the lionfish Pterois miles (J. W. Bennett, 1828) (Scorpaeniformes: Scorpaenidae) in the sea of Cyprus

P16 Damjana Levacic
Consistent CSR strategy of daisy fleabane Erigeron annuus (L.) Pers. despite its high morphological variability – a case study from Zagreb and Medvednica Mt., Croatia

P17 Eva Horvat
When a non-native herbivore finds a non-native host

P18 Mirela Uzelac
Tree of Heaven leaf extract: A new generation of bioherbicides

P19 Lenka Moravcova
Soil seed-bank dynamics of the closely related alien and native species

P20 Hana Skálova
Transient effect of competitors of performance of Ambrosia artemisiifolia

P21 Marina Piria
Feeding habits of predatory thermophilic fish species from recently extended distributional range in northeast Adriatic Sea, Croatia
Invasive species in a changing environment

P29 María Bernadoss Hernández
Road: an oasis for opportunistic species in an arid environment

P31 Roser Rotchés-Ribalta
Environmental filtering of alien plant invasion in metropolitan forests. The role of vertebrate dispersion

P32 Barbara Tokarska-Guzik
Comparing populations of Ambrosia artemisiifolia in Ukraine and Poland depending on local habitat conditions

P33 Michael Glaser
WeedClim: Identifying Emerging Weeds

P34 Mirjana Šipek
Factors driving invasion of alien Prunus seratina Her., Duchesnea indica (Andrews) Th.Wolf and Impatiens parviflora DC. into lowland forest fragments in NE Slovenia

P35 Martin Vojík
Two faces of a park: the source of invasions and habitats for threatened native plants

P36 Cristina Maguas
Using invasive species biomass for post-fire recovery: Reuse, Regenerate and Reforest

P37 Robert T. Hanczaruk
Do the landscape metrics explain the invasion level in urban river valley? Case study on plant invasions from southern Poland

P38 Robert T. Hanczaruk
Escapes from allotment gardens - the threat for urban rivers vegetation? Case study from the Kłodnica valley (southern Poland)

P39 Klára Pyšková
Early stages of the common myna (Acridotheres tristis) invasion in Kruger National Park

P40 Martina Kadlecová
Cytological variability and seed germination of hybrid Fallopia ×bohemica in Europe

P42 Elena Tricarico
The invasion of Cyprus water bodies by the red swamp crayfish (Procambarus clarkii): a pressure exerted to fragile aquatic bodies

P44 Lado Basilidze
Distribution Pattern of Invasive Alien Woody Species in Protected Areas of Eastern Georgia (South Caucasus)

P45 Leona Lovrenčić
What is the future of native freshwater crayfish in Croatia?

P47 Ante Zunec
First record of polychaete Nereis funchalensis (Langerhans, 1980) in the Adriatic sea

P48 Quadri Anibaba
Native and Introduced Species Abundance Differ Across Growth Habit and Land – use Types in Central Nigeria
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<td>Marjaana Hassani</td>
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IAS mapping and monitoring in Sava River Basin – a harmonized transnational platform for successful IAS management

Citizen science, social media, and novel technologies for invasion science

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Biological surveillance of Aedes albopictus (Skuse 1895, Diptera: Culicidae) eggs in Albania during 2017

P77  Jurga Motiejūnaitė  
Monitoring of potentially invasive macrofungi - novel versus traditional methods

P78  Tomos Jones  
Ornamental plants: our future invaders?

P79  Erika Mioni  
“First record of the invasive crab Percnon gibbesi (H. Milne Edwards, 1853) at Pianosa Island: the second goal reached by the innovative Marine Citizen Science Literacy Project “PERCORSI NEL BLU” (“BLUE PATHS”)”

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Is Citizen Science a valid tool for monitoring alien species in Marine Protected Areas?

P81  Rumen Tomov  
The current state of citizen science for invasive alien species in Bulgaria

P82  Michael Bald  
Solarizing and Heat Treatments

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Improving community knowledge of invasive plants in Belgium

P85  Cristina Preda  
Citizen science contribution to the inventory of alien birds in Belgium

P87  Jirislav Skuhrovec  
The European ladybird App: a new tool for Citizen Science

Biogeography and macroecology of invaders across spatial and temporal scales

P88  Marina Orlova-Bienkowskaja  
Six-legged invaders coming from the east! Agrilus planipennis and five other alien beetle pest species entering Europe through European Russia

P89  Charly Géron  
Alien plants on a city trip: Urban invaders originate from warmer native ranges

P90  Jean-Francois Maillard  
Distribution and genetic diversity of Raccoon (Procyon lotor) in France

P92  Jan Pergl  
From West to East and back again: Trans-Siberian Railway as a continental pathway of plant invasions

P93  Josef Kutlvašr  
Pathways of alien plants within Central Europe: spread and persistence of unintentionally introduced aliens

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Phylogenetic relatedness of alien plants depends on their donor habitats

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Genetic variation of the invader Caprella scaura: introduction events and 7-year monitoring at local scale

P96  Lucija Rajčić  
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