

# **Programme of the sessions**

## **Oral presentations**

Provisional version - 27/8/2015

## Tuesday, September 8

### Opening Session

**Chairpersons:** Filipe O Costa, Marina R Cunha

9:15           **Opening:** Welcome

### Keynote talk

9:30    **1**   **Coleman CO** - Taxonomy in times of the „Taxonomic Impediment“ – a pessimistic provocation

### Biodiversity and biogeography

**Chairperson:** Anne-Nina Loerz

10:15   **4**   **Karaman GS** - Diversity of Amphipoda fauna in Bosnia and Herzegovina

10:30   **5**   **Jazdzewski K**, Mamos T, Grabowski M - Taxonomy and distribution of *Gammarus balcanicus*-group in the northern Carpathians

10:45           **Coffee break**

11:15   **6**   **Özbek M**, Sezgin M - Distribution of the Ponto-Caspian amphipod species in freshwaters and coastal areas of Turkey

11:30   **7**   **Cabezas MP**, Santos AM, Branco M, Xavier R, Guerra-García JM, Sezgin M - Hidden biodiversity and patterns of genetic differentiation in the Mediterranean-Atlantic transition zone: *Dexamine spiniventris* (Costa, 1853) and *Caprella danilevskii* Czerniavskii, 1868 as case studies

11:45   **8**   **Frutos I**, Sorbe JC- Suprabenthic amphipods from the Capbreton area (SE Bay of Biscay). Faunal recovery after a canyon turbiditic disturbance

12:00   **9**   **Almeida M**, Company JB, Lampadariou N, Cunha MR - Suprabenthic amphipods along an oligotrophic gradient in the bathyal Mediterranean Sea

12:15   **10**   **Zeina AF**, Abou Zaid MM - Biodiversity patterns on Red Sea amphipods associated with the Intertidal macroalgae

12:30           **Lunch break**

## **Biodiversity and biogeography**

**Chairperson:** Cristiana Serejo

14:00 **11 To be confirmed –**

14:15 **12 Shin M-H** - Systematic study on the selected groups of marine amphipods from Korea

14:30 **13 Horton T**, Lowry J, De Broyer C, Bellan-Santini D, Coleman CO, Daneliya M, Dauvin J-C, Fiser C, Gabrowski M, Gasca R, Guerra-García J, Hendrycks E, Holsinger J, Hughes L, Jażdżewski K, Just J, Kamaltynov RM, Kim Y-H, King R, Krapp-Schickel T, LeCroy S, Vonk R, Senna AR, Serejo C, Sket B, Thomas J, Thurston M, Vader W, Väinölä R, White K, Zeidler W - The World Amphipoda Database – updating the global species database

14:50 **14 Fišer C**, Eme D, Galassi D, Stoch F, Marmornier P, Zagmajster M, Malard F - From European Groundwater Crustacean Dataset to public database

15:10 **15 Radulovici AE**, Ratnasingham S - A BOLD approach to amphipodology

15:30 **Coffee break**

## **Anthropogenic disturbance and global change**

**Chairperson:** Adam Baldinger

16:00 **16 Plaiti W**, Naletaki M, Simboura N - Aspects of benthic Environmental Status (ES) of Hellenic Seas (Eastern Mediterranean Sea)

16:15 **17 Wiklund A-KE**, Andersson A - Effects on growth and fatty acid composition of *Monoporeia affinis* from a climate induced food change

16:30 **18 de-la-Ossa-Carretero JA**, Del-Pilar-Ruso Y, Loya-Fernández A, Ferrero-Vicente LM, Marco-Méndez C, Martinez-Garcia E, Sánchez-Lizaso JL - Response of Amphipoda assemblages to brine discharge: impact and recovery

16:45 **19 Rewicz T**, Wattier R, Grabowski M, Rigaud T, Mamos T, Bączela-Spychalska K - Origin, genetic diversity and secondary introduction patterns of the killer shrimp, *Dikerogammarus villosus*, invading Alpine Lakes

17:00

**Poster session**

## Wednesday, September 9

### Keynote talk

9:00 **2** **Guerra-García JM**, Tierno de Figueroa JM, Navarro-Barranco C1 Ros M - A new method to study the diet of amphipods

### Ecology

**Chairperson:** Ed Hendricks

- 9:45 **20** **Jażdżewska AM** - Kuril-Kamchatka deep sea revisited – abyssal amphipods assemblages
- 10:00 **21** **Jiménez A**, Marquina R, Quipúzcoa L, Paredes C, Gutiérrez D - Spatial distribution of Ampeliscidae (Crustacea: Amphipoda) on sediments in the northern central Peruvian continental shelf
- 10:15 **22** **Berezina NA**, Maximov AA - Distribution and ecological significance of amphipods in the eastern Gulf of Finland
- 10:30 **23** **Layeghi Y**, Momtazi F - The pattern of Ampithoidae (Crustacea: Amphipoda) distribution along the intertidal area of Qeshm Island
- 10:45 **Coffee break**

### Ecology

**Chairperson:** Wim Vader

- 11:15 **24** **Camisa F**, Bellisario B, Lattanzi L, Cimmaruta R - Exploring patterns of amphipod distribution in *Posidonia oceanica* through the metacommunity approach: a proposed framework
- 11:30 **25** **Llaja LI**, Paredes CE, Jiménez A - Characterization of the community of benthic amphipods associated with different habitats generated by Rhizophora mangle in Puerto Pizarro, Tumbes, Peru
- 11:45 **26** **Kobak J**, Rachalewski M, Bącela-Spychalska K - Conquerors or exiles? Impact of interference competition among invasive gammarideans on their dispersal rates
- 12:00 **27** **Fernandez-Gonzalez V**, Sanchez-Jerez P - Dispersal of fouling caprellids around floating aquaculture facilities in the Mediterranean Sea
- 12:15 **28** **Dzierżyńska-Białończyk A**, Jermacz ŁM; Kobak JD - Preferences of the invasive killer shrimp *Dikerogammarus villosus* for substrata of different grain size, macrophytes and zebra mussels
- 12:30 **Lunch break**

## Ecology

**Chairperson:** Alan Myers

- 14:00 **29** **Martínez-Laiz G**, Ros M, Navarro-Barranco C, Guerra-García JM - Substrate selection of intertidal caprellids of Southern Spain
- 14:15 **30** **Fanini L**, Hughes LE, Springthorpe R, Tusetto L, Lowry JK - Activity patterns of macrofauna on pocket, macrotidal beaches: a field experiment
- 14:30 **31** **Conlan K**, Hendrycks E - An ampeliscid amphipod hotspot provides a Canadian Arctic destination for the Pacific gray whale (*Eschrichtius robustus*)
- 14:45 **32** **Tandberg AHS**, Vader W - Stenothoidae associated with hydroids – does association with other taxa trigger extended parental care?
- 15:00 **33** **Bloor MC** - Tea for Two: The dietary preference of *Gammarus pulex* and *Asellus aquaticus* during laboratory studies
- 15:15 **34** **Jermacz Ł**, Szatkowska B, Kobak J - Density of prey as a factor modifying the anti-predator behaviour of amphipods
- 15:30 **Coffee break**

## Ecology

**Chairperson:** José Guerra García

- 16:00 **35** **Jung TW**, Yoon SM - Life history, population dynamics and secondary production of *Grandidierella japonica* Stephenson, 1938 from southern coastal waters of Korea
- 16:15 **36** Jelassi R, Bouslama MF, Khemaissia H, **Nasri-Ammar K** - Life history traits of three sympatric talitrid species in the supralittoral zone of Bizerte lagoon (northern Tunisia)
- 16:30 **37** **Corbari L**, Sorbe JC - First in-situ observations on the behaviour of the deep-sea amphipod *Dulichlopsis* sp. (Senticaudata, Dulichiidae) at the vicinity of the hydrothermal vent site TAG (Mid-Atlantic Ridge)
- 16:45 **38** **Jelassi R**, Khemaissia H, Ayari A, Nasri-Ammar K - Locomotor behavior of *Orchestia gammarellus* over four seasons in the supralittoral zone of Ghar Melh lagoon (North-East of Tunisia)
- 17:00 **39** **Mayer G**, Maas A, Waloszek D - Functional morphology of feeding structures in amphipods inhabiting German inland waters

**Conference dinner**

## Friday, September 11

### Plenary session

9:00 3 **Beermann J**, Dick JTA, Thiel M - Many observations but few specific studies – An overview on social recognition in amphipod crustaceans

### Physiology

**Chairperson:** Oliver Coleman

9:45 40 Axenov-Gribanov D, Vereshchagina K, Lubyaga J, Gurkov A, **Timofeyev MA** - Determination of Lake Baikal endemic and Palearctic amphipods thermal optima limits by changes in its stress markers

10:00 41 **Bedulina DS**, Evgen'ev MB, Gurkov AN, Timofeyev MA, Zatssepina OG - Proteomic thermal stress-responses of two species of Baikal amphipods (*Eulimnogammarus cyaneus* and *E. verrucosus*) with different thermotolerance

10:15 42 **Šidagytė E**, Žilnius M, Lesutienė L, Arbačiauskas K - Oxygen consumption of invasive *Pontogammarus robustoides* and native *Gammarus lacustris* from temperate lakes of contrasting trophy

10:30 43 **Šniaukštaitė V**, Šidagytė E, Lesutienė J, Arbačiauskas K - Allocation of phosphorus into eggs in females of *Pontogammarus robustoides* from environments of different trophy

10:45 **Coffee break**

### Phylogenetics & phylogeography

**Chairperson:** Michal Grabowski

11:15 44 **Sket B**, Zhong Hou - Some closed and some open questions regarding the family Gammaridae

11:30 45 **Väinölä R** - Evolution and phylogeography of pallaseid amphipods, within Lake Baikal and beyond

11:45 46 Verheye ML, **d'Udekem d'Acoz C** - Origin and diversification of the amphipod genus *Epimeria* on the Antarctic shelf

12:00 47 **Desiderato A**, Vieira P, Serejo CS, Krapp-Schickel T, Abbiati M, Costa FO, Queiroga H - First insights into phylogenetic relationships among the Atlantic and Mediterranean species of the family Hyalidae

12:15 48 **Wysocka A**, Sworobowicz L, Mamos T, Trajanovski S, Sell J, Grabowski M - Vertical distribution of amphipods in the ancient Lake Ohrid - morphological and molecular perspective

12:30 **Lunch break**

## Phylogenetics & phylogeography

Chairperson: Cene Fišer

- 14:00 **49** **Copilaş-Ciocianu D**, Petrušek A - The south-western Carpathians as a centre of ancient diversity of freshwater gammarid amphipods: insights from the *Gammarus fossarum* species complex
- 14:15 **50** **Grabowski M**, Mamos T, Rewicz T, Wysocka A, Rachalewski M, Wattier R - Spatial patterns of cryptic diversity within the *Gammarus fossarum* complex: adding an East/West side to the story
- 14:30 **51** **Serejo CS**, Solé-Cava AM,, Rodríguez-Rey GT - The genus *Platorchestia* (Crustacea: Amphipoda) in the supralittoral beaches and lagoons of the tropical and warm temperate Western Atlantic - a molecular approach
- 14:45 **52** **White KN**, Reimer JD, Lorion J - Maybe the Hokey Pokey isn't what it's all about: strong genetic structure revealed in populations of *Leucothoe vulgaris* from Okinawa, Japan
- 15:00 **53** **Băcela-Spychalska K**, Rewicz T, Wattier R, Grabowski M, Mamos T, Ovcharenko M, Rigaud T - Phylogeography and host shift of *Cucumispora dikerogammari* – an intracellular parasite of two Ponto-Caspian gammarids
- 15:15 **54** Davolos D, **De Mattheis E**, Latella L, Vonk R - A new *Cryptorchestia* species (Amphipoda, Talitridae) from the island of Rhodes (Greece) revealed by morphological and phylogenetic analysis
- 15:30 **Coffee break**

## Closing session

Chairpersons: Filipe Costa, Marina R Cunha

- 16:00 Brief overview of the Colloquium, presentations of the venues for 17<sup>th</sup> and 18<sup>th</sup> ICA, best student presentation award and closing ceremony