

1st PhD Winter School in Ecology and Evolution

Climate change: ecological and evolutionary responses of species and communities

Thursday 9 February 2017

14.00 Welcome desk

14.15-14.30 Introductory remarks: Tommaso Anfodillo (University of Padova).

PhD student talks

14.30-14.50 **Desiderà Elena:** Effects of protection on the reproductive biology of the Dusky Grouper, *Epinephelus marginatus*.

14.50-15.10 **Can Lai:** Tree crown architecture, forest structure and possible effects of climate change.

15.10-15.30 **Magris Martina:** The costs of adaptive phenotypic plasticity in sexually selected traits in the guppy, *Poecilia reticulata*.

15.30-15.50 **Borsato Eros:** The Water Footprint concept explains the water scarcity for agricultural products.

15.50-16.10 **Lami Francesco:** The species-habitat network: a novel approach to the study of habitat use.

16.10-16.30 **Scaccini Davide:** Study of the biology and the ecology of the Brown Marmorated Stink Bug, *Halyomorpha halys*.

16.30-16.50 **Roder Giulia:** The human being as a species living and coping under climate change.

16.50-17.10 **Cao Wenfgang:** Quantifying impacts of socioeconomic trends of the past 50 years on Earth's land surface.

17.10-17.30 **Rigato Emanuele:** Phenotypic robustness and environmental changes.

17.00-17.30 **Coffee break**

17.30-18.30 **Plenary Lecture**

Mark Olson (Universidad Nacional Autónoma de México)

18.30-19.00 Discussion

19.30 Social Pizza

21.30 Wines and evening session: movie play "The End of The Line" by Rupert Murray.

Friday 10 February 2017

8.30-9.30 **Plenary Lecture**

Ulrika Candolin (University of Helsinki, Finland)

PhD student talks

09.30-9.50 **Lechthaler Silvia**: The hydraulic architecture of the plants: study of the allometric relations between xylem and leaves in different environments

09.50-10.10 **Marceta Tihana**: Climate change in the marine environment: combined effects of ocean acidification and emerging contaminants in the sea urchin *Paracentrotus lividus*.

10.10-10.30 **Pasqualotto Gaia**: Responses of hazelnut (*Corylus avellana*) to water availability in orchards under different climatic conditions.

10.30-10.50 **Iacopino Simone**: Climate change and invasive species: the case of *Robinia pseudoacacia* in Europe.

10.50-11.10 **Ferrer Inma**: Movements and connectivity patterns of elasmobranchs in the Mediterranean Sea: insights for conservation

11.10-11.40 **Coffee break**

11.40-12.00 Delegate of the UNIPD Research office "Funding opportunities for young researchers".

PhD student talks

11.40-12.00 **Gris Barbara**: Microflora of Euganean Thermal District: Identification of Species and Bioactive Compounds.

12.00-12.20 **Peretti Emiliano**: Community Ecology of Centipedes in the Eastern Prealps

12.20-12.40 **Pandey Sudip**: Assessment of climate-growth relationship in trees in cold environments by using an integrated approach to study dendro-anatomical features of tree rings.

12.40-13.00 **Kiorapostolou Natasa**: Investigating tree acclimation strategies to warm environments.

13.00-13.20 **Tuliozi Beniamino**: From individuals to groups and back: interactions between individual variation in life history and behavior and the social environment.

13.00-13.30 Discussion and Closing remarks