



METAZOAN PHYLOGENY AND EVOLUTION

UZI Spring School, Venice 2013

Program

May 3 – Friday

13.00-15.00 – Registration

15.00-16.15

The early fossil record of animals and its contribution to metazoan phylogenetics

Gregory D. Edgecombe *The Natural History Museum, London*

16.15-16.45 – *Coffee break*

16.45-18.00

Lights and shadows of the vertebrate phylogeny

Rafael Zardoya *Museo Nacional de Ciencias Naturales, Madrid*

20.00 - *DINNER*

May 4 – Saturday

9.00-10.15

Life cycle evolution: continuity and adaptation

Claus Nielsen *Natural History Museum of Denmark, University of Copenhagen*

10.15-11.30

The cnidarian premises of Metazoan evolution

Ferdinando Boero *Università del Salento, Lecce*

11.30-12.00 - *Coffee break*

12.00-13.15

What have we learned from 25 years of molecular phylogenies of the animal kingdom?

Max Telford *University College London*

13.15-15.00 – *LUNCH*

15.00-16.15

Resolving Ancient Radiations in the Age of Genomics - Prospects and Challenges

Antonis Rokas *Vanderbilt University, Nashville, USA*

16.15-16.45 - *Coffee break*

16.45-17.30

"Next-generation" Sequencing approaches for phylogenomic analyses

Axel Meyer *University of Konstanz, Germany*

17.30-19.0 - PRACTICAL SESSION OF PHYLOGENETIC RECONSTRUCTION

An introduction to genomic tools useful to study the Metazoa phylogeny

Enrico Negrisola *Università di Padova*

May 5 – Sunday

9.00-10.15

Arthropod evolution throughout phylogeny, and beyond

Alessandro Minelli *Università di Padova*

10.15-10.45 - *Coffee break*

10.45-12.00

The early steps of hexapod diversification: what's wrong with morphology and molecules?

Francesco Frati *Università di Siena*

12.00-12.30 – FINAL REMARKS