

Session 1:
Ecology & Evolution

09:15 - 09:30 Welcome & opening remarks

09:30 -10:00

Francesca Benzoni

University of Milano-Biocca, Milan, Italy

Upheavals in coral taxonomy: Findings from the TARA Oceans expedition, a modern-day "Voyage of the Beagle"

10:00 -10:30

Emmanuel Gaquerel

Centre for Organismal Studies Heidelberg (COS), Heidelberg, Germany

Genomic bases of key metabolic innovations in the genus *Nicotiana*

10:30 -11:00

José Jiménez-Gómez

Max Planck Institute for Plant Breeding Research, Cologne, Germany

eQTL analysis using allele-specific expression

11:00 -11:30 Coffee break

11:30 -12:00

John Pannell

Université de Lausanne, Lausanne, Switzerland

Transitions between combined and separate sexes in plants

Session 2:
Molecular Evolution

12:00 -12:30

Alexandros Stamatakis

Heidelberg Institute for Theoretical Studies (HITS), Heidelberg, Germany

Computational biology as computational science: Challenges and problems

12:30 -12:45

Announcement of the Schmeil Award,

Rüdiger Hell

12:45 - 14:30 Lunch and Poster viewing

14:30 -15:00

Nicolas Gompel

Ludwig-Maximilians-Universität (LMU), München, Germany

Regulatory evolution and the diversification of pigmentation patterns in *Drosophila*

15:00 -15:15

Short talk selected from the abstracts

15:15 -15:45

Gáspár Jékely

Max Planck Institute for Developmental Biology, Tübingen, Germany

Systems neurobiology of the *Platynereis* larva

15:45 -16:15 Coffee break

Session 3:
Evolution & Development

16:15 -16:45

Ulrich Technau

Universität Wien, Vienna, Austria

Insights into evolution of eumetazoan regulatory developmental networks from the sea anemone *Nematostella vectensis*

16:45 -17:15

Steffen Lemke

Centre for Organismal Studies Heidelberg (COS), Heidelberg, Germany

Evolution of cell and tissue coordination during fly gastrulation

17:15 -17:30

Short talk selected from the abstracts

17:30 -18:00

Graham Budd

Uppsala University, Uppsala, Sweden

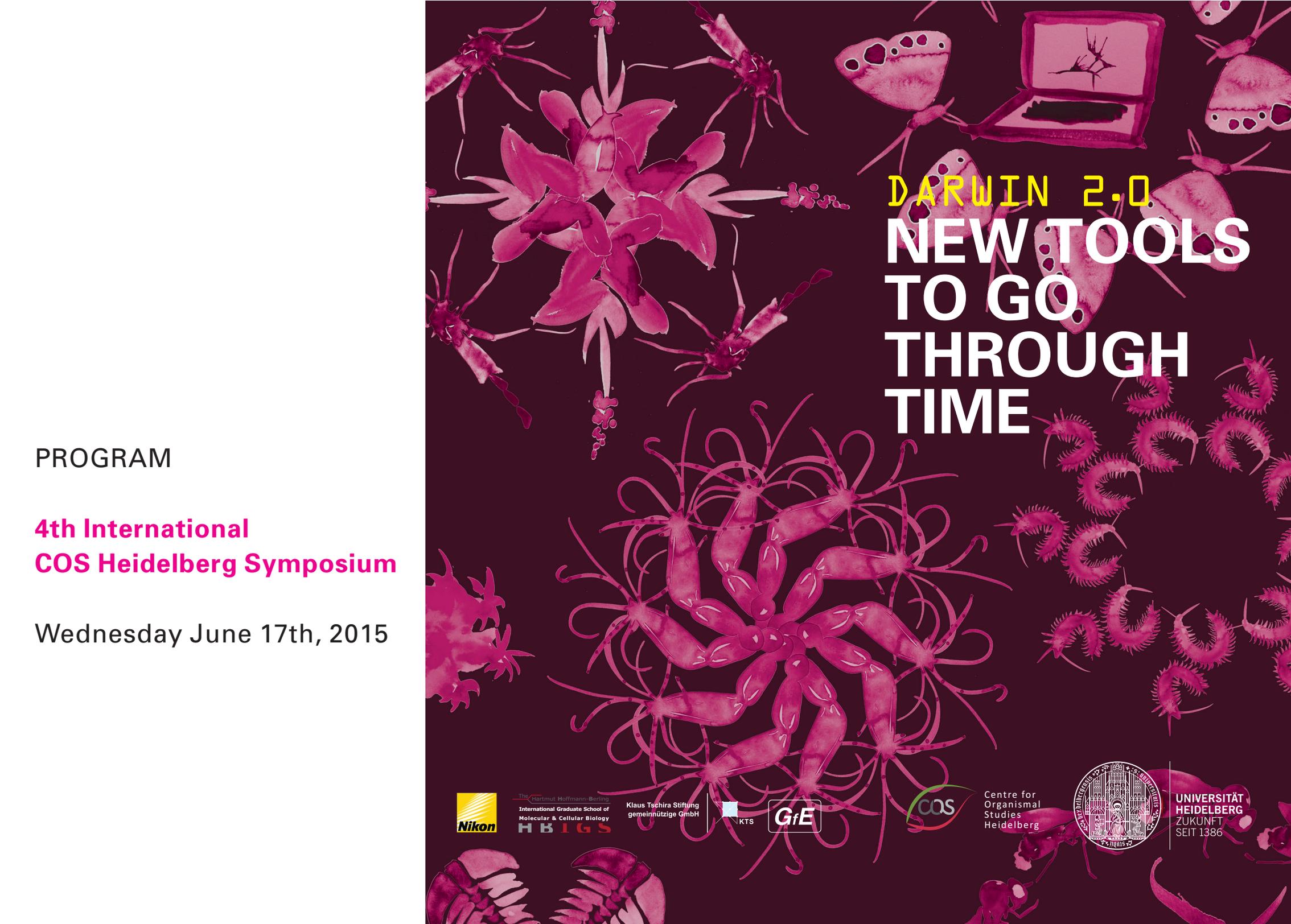
Crossing the line: New perspectives on the Precambrian-Cambrian transition in the fossil record

18:00 -18:15

Announcement of the poster prize and closing remarks

18:15

BBO, continued conversations & poster viewing



DARWIN 2.0
NEW TOOLS
TO GO
THROUGH
TIME

PROGRAM

4th International
COS Heidelberg Symposium

Wednesday June 17th, 2015



The Hartmut Hoffmann-Berling
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