

Friday August 28 **Symposium 20**

*Location: Room 4*

## **Selective forces shaping transitions to social life**

Organizers: *Trine Bilde, University of Aarhus, Denmark*  
*Patrizia d'Ettorre, University of Copenhagen, Denmark*

- 09.45 - 10.15 JACOBUS J. BOOMSMA (invited)  
Strict life-time monogamy as universal condition for transitions towards eusociality
- 10.15 - 10.45 ASHLEIGH S. GRIFFIN (invited)  
Promiscuity and kin selection in cooperative breeders
- 10.45 - 11.15 *Coffee break*
- 11.15 - 11.35 KEVIN FOSTER  
Social interactions in microbes
- 11.35 - 11.55 YAEL LUBIN  
Loss of natal dispersal in the transition to sociality in spiders—a remaining puzzle
- 11.55 - 12.15 BEN HATCHWELL  
The evolution of avian societies: how do kin-structured populations develop?
- 12.15 - 12.35 MICHEL CHAPUISAT  
Social transfer of fungal resistance in ants
- 12.35 - 13.35 *Lunch*
- 13.35 - 13.55 JEREMY FIELD  
Environmental and genetic components of a major evolutionary transition: social phenotype in halictid bees
- 13.55 - 14.15 LISA A. MCGRAW  
Experimental evolution of pair bonding in the prairie vole (*Microtus ochrogaster*)
- 14.15 - 14.35 MICHAEL E HOCHBERG  
The coevolution of cooperation and dispersal in social groups and its implications for the emergence of multicellularity
- 14.35 - 14.55 SOFIA STATHOPOULOS  
Sophisticated olfaction and the evolution of social strategies in African mole-rats
- 14.55 - 15.25 *Coffee break*