Brussels, Stanhope Hôtel, rue du Commerce, 9

18-19-20 October 2013

Sous le patronage de l’Académie Royale des Sciences de Belgique

The Emergence of Consciousness in Animal and Human Behaviour:
From Genetics to Cognition

Scientific Direction: Jacques Pasteels & Serge Aron, Université Libre de Bruxelles, Belgium

PROGRAM

Friday 18th October

13:50 Welcome and Introducing remarks
Jean-Marie Delwart & Jacques M. Pasteels

14:00 Cognition with few neurons: higher-order learning in Insects.
Martin Giurfa, Centre de Recherches sur la Cognition Animale, U.Paul Sabatier, Toulouse (France)

14:55 Hints of emerging consciousness in certain short-lived, large-brained Cephalopods living in complex environments.
Roger T. Hanlon, Marine Biological Laboratory, Brown University, Providence (USA)

15:50 Coffee break

16:20 Social cognition in Fishes; an ecological approach.
Redouan Bshary, Laboratoire d’Eco-Ethologie, Université de Neuchâtel (Switzerland)

17:15 Collective decisions in animal societies.
Jean-Louis Deneubourg, Unité d’Ecologie Sociale, Université Libre de Bruxelles (Belgium)

19:30 Resident’s Dinner

Saturday 19 October

08:30 From Crows to children and back again.
Nicola S. Clayton, Department of Psychology, University of Cambridge (United-Kingdom)

09:25 An insight into Avian awareness.
Nathan Emery, Queen Mary, University of London (United-Kingdom)

10:20  Coffee break

10:50  Fair play, wild (social) justice, and why they matter.
      Marc Bekoff, Ecology and Evolutionary Biology, University of Colorado, Boulder (USA)

11:45  Missing the target? On the key questions in Dog social problem solving and cognition.
      Ádám Miklósi, Department of Ethology, Eötvös University (Hungary)

12:40  Lunch

14:00  Reexamining reciprocity and cooperation in Bats.
      Gerald S. Wilkinson, Department of Biology, University of Maryland (USA)

14:55  Vocal learning and reference in acoustic communication of non-Primates.
      Peter Tyack, School of Biology, Scottish Oceans Institute, University of St Andrews (Scotland)

15:50  Coffee break

16:20  Metacognition and cognitive control in Monkeys.
      Robert R. Hampton, Yerkes National Primate Research Center, Emory University, Atlanta (USA)

17:15  Studies of prosociality and fairness in Primates.
      Frans B. M. de Waal, Yerkes National Primate Research Center, Emory University, Atlanta (USA)

19:30  Private Dinner Outside

Sunday 20 October

08:30  The global neuronal workspace and self-consciousness: implications for addictive behavior and mental diseases.
      Jean-Pierre Changeux, Collège de France & Institut Pasteur (France)

09:25  The neural correlates of conscious awareness revealed by the study of coma and related states.
      Steven Laureys, Coma Science Group, University of Liège and University Hospital of Liège (Belgium)

10:20  Coffee break

10:50  The Radical Plasticity Thesis: How we learn to be conscious.
      Axel Cleeremans, Cognitive Science Research Unit, Université Libre de Bruxelles (Belgium)

11:45  Animal consciousness is to human consciousness as Bird song is to language.
      Daniel C. Dennett, Center for Cognitive Studies, Tufts University, Boston (USA)

12:40  Closing remarks

13:00  Lunch

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