

May 15th-16th 2019

When animals make war



We sometimes forget that human societies have not the monopoly of war. Indeed, animals are often in conflict with elements of the same specie and sometimes launch real conflicts with heavy casualties in order to seize enemy territory. The mechanisms of attack and defense among insects or mammals have always represented a source of inspiration in order to invent new weapons. But animals are also capable of celebrating peace, and their rituals of reconciliation prove very efficient despite their apparent sophistication.

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Seminar of war studies – Saint-Cyr's military academy

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Program

Wednesday 15th



8h00– 10h00 Jacques Van Helden, Université d'Aix Marseille, *From nature to War: a behavioral genetics's perspective.*

Graduated in 1987 as Agronomic Engineering (orientation applied zoology), at the *Université Libre de Bruxelles*, Jacques Van Helden focused his PhD theses on neurodevelopmental biology. Specialized in the application of bioinformatic and the analysis of genome regulation, he then became lecturer at the *Université Libre de Bruxelles*, professor at Aix-Marseille and director of the Service de Bioinformatique des génomes et des reseaux.



10h00 -12h00 Cemal Eren Arbatli – Higher School of Economics, Moscow – *Interpersonal population diversity and intra-societal conflicts.*

Cemal Arbatli earned his B.A. degree (Sabanci University, 2004) and a M.A. degree in Economics (Bilkent University, 2006) before completing his Economics PhD at Brown University (Political Instability, External Security Threats, Coups and civil Conflict). Since 2012, he works as a professor of Economic Sciences at NRU – Higher School University in Moscow.



14h00 -16h00 Pablo Servigne, Researcher, Doctor of Tropical Agronomy, Université Libre de Bruxelles – *Natural foundations of mutual help.*

Pablo Servigne graduated in Tropical Agronomy (Gembloux Agro-Bio Tech) in 2002 and obtained a PhD in Science from the Université Libre de Bruxelles in 2008. He then specialised in the behaviour of ants and more specifically the mechanisms of mutual aid. Since then, the latter has been working on transition and social economy mechanisms.



16h00 -18h00 Patrice Valentin, Independent researcher – *Humanity and biodiversity, a new management project.*

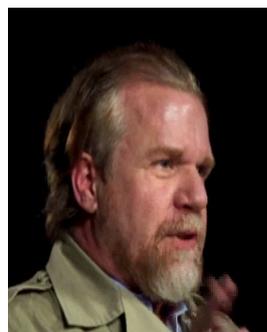
Before developing his career in biodiversity, Patrice Valentin served as soldier in the Légion étrangère. He works now as delegate of the Cercles des Jeunes Dirigeants, developing simultaneously, his own company : Dervenn.

Thursday 16th



8h00 – 10h00 Ben Zweibelson –Joint Special Operations University, USAF Air War College, Candian Forces College - *The swarm theory, a new model of organization for the army?*

Retired U.S. Army Infantry Major, Ben Zweibelson now occupies a position of Course Director of Design Programs at the Joint Special Operations University (Tampa). While lecturing at the USAF Air War and the Canadian Forces Colleges, he is preparing his PhD in philosophy at the Australian National University in Canberra, Australia.



10h00 –12h00 Mark Moffet, Research associate at Harvard University - *Ants and the art of war, toward a new strategy?*

Specialist of biodiversity and ants' behavior, Mark Moffet obtained his BA in Biology at Beloit College and his PhD in Organismic and Evolutionary Biology at Harvard. He worked at Harvard's Museum of Comparative Zoology as a research associate, collaborating for National Geographic, and broadening his skills to the field of anthropology. He is currently working in the Department of Entomology at The National Museum of Natural History in the Smithsonian Institution.



14h00 – 16h00 Raghavendra Gadagkar, Centre for ecological Sciences Indian Institute of Sciences, Bangalore - *Learning from social insects and birds' resolution of conflicts.*

After a B. sc. A M. sc. in Zoology and a PhD in Molecular Biology at Bangalore University, Raghavendra Gadagkar got involved in the field of research, focusing on Animal Behavior, Ecology and Evolution. He is now Chair Professor at the Centre for Ecological Sciences, Indian Institute of Science, specialized in survival and cooperation strategies of social insects.



16h30 - 18h30 Joan Silk - Department of Anthropology, University of California, Los Angeles - *Form and functions of reconciliation among Primates.*

Endowed with a B. A. (Pitzer College, Claremont) a M.A. and a Ph.D. of Anthropology (University of California, Davis), Joan Silk is interested in the evolution of social behavior among primates and their bonds with humans. She is currently chairing the Department of Anthropology at the University of California.

Academic contacts:

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