



«ETTORE MAJORANA» FOUNDATION AND CENTRE FOR SCIENTIFIC CULTURE
TO PAY A PERMANENT TRIBUTE TO ARCHIMEDES AND GALILEO GALILEI, FOUNDERS OF MODERN SCIENCE
AND TO ENRICO FERMI, THE "ITALIAN NAVIGATOR", FATHER OF THE WEAK FORCES



INTERNATIONAL SCHOOL OF ETHOLOGY «DANILO MAINARDI»

47th Course: *PERSONALITY AND EVOLUTION IN ANIMALS AND HUMANS*

ERICE-SICILY: 8 – 12 SEPTEMBER 2021

Sponsored by the: • Italian Ministry of Education, University and Scientific Research • Sicilian Regional Government

PROGRAMME AND LECTURERS

Ecology of individual differences
Personality and life-history
Evolutionary genetics of personality
Early life determinants of personality
Personality and plasticity
Personality and spatial dynamics
Evolutionary psychology of personality

Personality in sticklebacks

• A.M. BELL, University of Illinois at Urbana-Champaign, IL, US

Personality and biogeography

• D. CANESTRELLI, Università degli Studi della Tuscia, Viterbo, Italy
• C. CARERE, Università degli Studi della Tuscia, Viterbo, IT

Ecological consequences of individual differences

• M. DAMMHAHN, University of Potsdam, DE

Mechanisms of personality: a hierarchical coordination model for human and animal research

• M. DEL GIUDICE, The University of New Mexico, Albuquerque, NM

Adaptive animal personality variation: evidence for studies of natural and sexual selection

• N.J. DINGEMANSE, LMU München, Planegg-Martinsried, DE

Maternal stress, personality variation and ecological feedbacks

• R.A. DUCKWORTH, University of Arizona, Tucson, AZ, US

The genetics of human personality

• W. DAVID HILL, University of Edinburgh, UK

Early life stress, health, and individual differences: biological mediators of life history tradeoffs

• S.E. HILL, Texas Christian University, Fort Worth, TX, US

Indices of social leverage predict individual differences in gratitude

• D. LIEBERMAN, University of Miami, Coral Gables, FL, US

Domesticated Sociality: young horses' social personality traits

• S. KOSKI, University of Helsinki, FI

An adaptationist framework for personality science

• A. LUKASZEWSKI, California State University, Fullerton, CA, US

Are genetic influences on personality variation incompatible with the conceptual foundations of evolutionary psychology?

• D. MAESTRIPIERI, University of Chicago, IL, US

The evolutionary genetics of personality and intelligence

• L. PENKE, Georg August University Göttingen, DE

The role of DNA methylation in explaining heritable and rearing variation in avian personality

• K. VAN OERS, The Netherlands Institute of Ecology (NIOO-KNAW), AB Wageningen, NL

PURPOSE OF THE COURSE

Although the concept of personality has a long history, dating back at least to the ancient Greeks' classification of human personality types, its importance in the evolution of the mind and behavior has been recognized and addressed only in the past couple of decades. The evolutionary study of personality in both animals and humans is now a vibrant area of research in which a wide range of individual differences are studied from both proximate and ultimate perspectives. Yet questions such as the evolutionary maintenance of personality variation, the active role of personality in promoting evolutionary change, and the role of phenotypic plasticity still remain open and under investigation. The main purpose of this workshop is to encourage the application of a unified evolutionary framework to the study of animal and human personality, two fields that have progressed in parallel so far, without active cross-fertilization. We aim to provide an overview of recent advances and new directions in animal and human personality research, bringing together internationally renowned experts with similar interests but complementary perspectives in order to stimulate an exchange of ideas and foster research collaboration.

APPLICATIONS

Given the current epidemiological situation, a maximum limit of 60 attendees in the classroom has been established (teachers included); however, there is the possibility of unlimited "remote" attendance. For information contact:

Dario Maestripieri
The University of Chicago
Chicago, USA

• PLEASE NOTE

Participants must arrive in Erice no later than 16.00 on 8h September 2021.

POETIC TOUCH

According to legend, Erice, son of Venus and Neptune, founded a small town on top of a mountain (750 metres above sea level) more than three thousand years ago. The founder of modern history — i.e. the recording of events in a methodic and chronological sequence as they really happened without reference to mythical causes — the great Thucydides (~500 B.C.), writing about events connected with the conquest of Troy (1183 B.C.) said: «*After the fall of Troy some Trojans on their escape from the Achaei arrived in Sicily by boat and as they settled near the border with the Sicilians all together they were named Elymi: their towns were Segesta and Erice.*»

This inspired Virgil to describe the arrival of the Trojan royal family in Erice and the burial of Anchises, by his son Aeneas, on the coast below Erice. Homer (~1000 B.C.), Theocritus (~300 B.C.), Polybius (~200 B.C.), Virgil (~50 B.C.), Horace (~20 B.C.), and others have celebrated this magnificent spot in Sicily in their poems. During seven centuries (XIII-XIX) the town of Erice was under the leadership of a local oligarchy, whose wisdom assured a long period of cultural development and economic prosperity which in turn gave rise to the many churches, monasteries and private palaces which you see today.

In Erice you can admire the Castle of Venus, the Cyclopean Walls (~800 B.C.) and the Gothic Cathedral (~1300 A.D.). Erice is at present a mixture of ancient and medieval architecture. Other masterpieces of ancient civilization are to be found in the neighbourhood: at Motya (Phoenician), Segesta (Elymian), and Selinunte (Greek). On the Aegadian Islands — theatre of the decisive naval battle of the first Punic War (264-241 B.C.) — suggestive neolithic and paleolithic vestiges are still visible: the grottoes of Favignana, the carvings and murals of Levanzo.

Splendid beaches are to be found at San Vito Lo Capo, Scopello, and Cornino, and a wild and rocky coast around Monte Cofano: all at less than one hour's drive from Erice.

More information about the «Ettore Majorana» Foundation and Centre for Scientific Culture can be found on the WWW at the following address:
<http://www.cesem.infn.it>