GRASSO Donato Antonio

EDUCATION AND ACADEMIC POSITIONS

1990 MD in Biological Sciences (Univ. Parma) (mark 110/110 cum laude)
1992 Habilitated to the Profession of Biologist (mark 150/150)
1994 PhD in Ethology
1996-1998 Post-Doc in Fundamental Biological Sciences
1999-2014 Permanent position as Researcher in Zoology, Univ. Parma
2000 Visiting Researcher Laboratory of Entomology, Univ. Leuven (BE)
2000-2014 Assistant Professor, Univ. Parma
2014 National Habilitation to ASSOCIATE PROFESSORSHIP
2017 National Habilitation to FULL PROFESSORSHIP (ENTOMOLOGY)
2018 National Habilitation to FULL PROFESSORSHIP (ZOOLOGY)

ACTUAL POSITION: Associate Professor of ZOOLOGY and BEHAVIOURAL ECOLOGY & SOCIOBIOLOGY

TEACHING

ZOOLOGY, BEHAVIOURAL ECOLOGY & SOCIOBIOLOGY (Univ. Parma)
DOCTORATE IN EVOLUTIONARY BIOLOGY AND ECOLOGY (Univ. Ferrara, Parma, Firenze)
TUTOR for more than 50 Students (MDs, Bachelors) and 7 PhD students

RESEARCH TOPICS

General: BEHAVIOURAL ECOLOGY AND SOCIOBIOLOGY, BIOLOGY OF ANTS (Hymenoptera, Formicidae) and OTHER INSECTS studied with a multidisciplinary approach (behavioural, morpho-functional, ecological and evolutionary).

Specific:
Ant-plant interactions and mutualisms;
Interactions and mutualism between ants and phytophagous insects;
Multitrophic interactions (ants, other insects, plants, predators);
Eco-etological aspects and potential for biological control programs;
Ant-bacteria symbioses;
Ant community structure, competition and other ecological interactions;
Social organization and division of labour;
Biodiversity, bioindicators, urban ecology, Citizen Science;
Phylogeny, population genetics, hybridization;
Invasive ants and their impact on natural and agro-ecosystems;
Social parasitism, host manipulation, communication (behavioural, socioecological, morfo-functional aspects);
Reproductive, orientation, foraging, aggressive behaviour.

PUBLICATIONS (to date, February 2019)

Peer reviewed papers on International Journals: 68
1 Book
4 Book chapters
1 Introduction to book
Congress Proceedings: 84 (37 international; 47 national)
Translation of scientific book: 1
Scientific revision of books: 3

INVITED SPEAKER TO CONGRESSES: 11 (5 international, 6 national)
INVITED SEMINARS FOR ITALIAN AND INTERNATIONAL INSTITUTIONS: 40

GUEST EDITOR of the international Journal “INSECTS” (since 2018)
Editorial board: ENTOMOLOGIA, an international journal of entomology 2013-2017
Editorial board: INSECT SOCIAL LIFE 1996-2002

REFEREE for ISI JOURNAL WITH IF:
Acta Zoologica, Animal Behaviour, Annales Zoologici, Arthropod Structure & Development, Behavioural Ecology & Sociobiology, Belgian Journal of Zoology, Current Zoology, Ecological Entomology, Ecotoxicology, Ethology, European Journal of Entomology, Ethology Ecology & Evolution, Journal of Chemical Ecology, Journal of Applied Entomology, Journal of Insect Behavior, Journal of Insect Physiology, Heredity, Italian Journal of Zoology, Insectes Sociaux, Myrmecological News, Neotropical Entomology, Physiological Entomology, PLOS ONE, Psyche, Redia, The Science of Nature.

SCIENTIFIC SOCIETIES MEMBERSHIP:
Unione Zoologica Italiana (UZI)
Società Italiana di Etologia (SIE)
Italian section IUSSI (International Union for the Study of Social Insects)
Società Museo Civico di Rovereto (Socio corrispondente)
European Society of Evolutionary Biology (ESEB)
Italian Society of Evolutionary Biology (SIBE)
Italian Society of Entomology (SEI)

RESPONSIBLE IN FUNDED PROJECTS:

RESPONSIBLE JOINT RESEARCH AGREEMENT with Azienda Agraria Sperimentale Stuard (Parma) (2018-2020). Title: “Ruolo delle formiche come antagonisti naturali di insetti fitofagi: messa a punto, valutazione e potenzialità di nuovi sistemi di lotta biologica”.

RESPONSIBLE of the Italian Research Unit for “THE GLOBAL ANT GENOMICS ALLIANCE CONSORTIUM (GAGA)" Funded by the CHINESE ACADEMY OF SCIENCE (Chinese biodiversity genomics grant, Kunming Institute of Zoology) (2018 to date).

RESPONSIBLE JOINT RESEARCH AGREEMENT funded by Fondazione E. Mach (TN) (2017). Title "Studio delle interazioni tra formiche (Hymenoptera, Formicidae) e cocciniglie cotonose della vite (*Planococcus ficus*, Hemiptera, Pseudococcidae) in agroecosistema vigneto del Trentino e loro utilizzo per la messa a punto di innovativi sistemi di monitoraggio dell’infestazione".

RESPONSIBLE Research Project for a "MASTER & BACK” internship (2010-2011) Funded by Regione Sardegna.

RESPONSIBLE of the Local Unit for the Progetto Finalizzato Florovivaismo (2007-2009), Funded by Ministero dell'Agricoltura.

RESPONSIBLE Research agreement with CRA Sanremo (2007-2009) for the Project “Studio sull'influenza degli imenotteri formicidi nell'utilizzazione dei limitatori naturali (parassitoidi e predatori) di cocciniglie dannose alla rosa ed eventuali altre colture ornamentali".

RESPONSIBLE FIL PROJECTS 2006-2007-2008-2009, 2012, 2014, 2015, 2016, 2017, 2018 Funded by Univ. Parma.

PARTECIPATION IN FUNDED PROJECTS:
PRIN 2001-2003: Comunicazione animale: studio integrato sulla comunicazione chimica negli insetti
MIUR COFIN 1999: Meccanismi di acquisizione e uso dell'informazione ambientale negli animali
MIUR COFIN 1997: Organizzazione sociale e spazio-temporale del comportamento
MIUR COFIN from 1991-1996: Comportamento animale

RESPONSIBILITIES IN SCIENTIFIC SOCIETIES
PRESIDENT of the Italian Section IUSSI (International Union for the Study of Social Insects). 2005-2010
COUNCIL BOARD of the Italian Society of Ethology (SIE). 2008-2012
COUNCIL BOARD Italian Section IUSSI (International Union for the Study of Social Insects). 2001-2014
SCIENTIFIC COMMITTEE Fondazione Museo Civico di Rovereto. 2014-to date
ETHIC COMMITTEE Fondazione Museo Civico di Rovereto. 2017-to date

ACADEMIC RESPONSIBILITIES UNIV. PARMA:
RESPONSIBLE QUALITY ASSURANCE MANAGER (RAQ), 2014-to date
DEPARTMENT BOARD (Giunta Dip. Bioscienze), 2012-2014
DEPT. LIBRARY COMMITTEE, 2010-2012

ORGANIZATION AND SCIENTIFIC COMMITTEE OF CONGRESSES:
16th International Conference of the International Society for Behavioural Ecology (ISBE 2016). University of Exeter (UK).
XXVI Convegno della Società Italiana di Etologia (SIE) - Parma 2015.
XV Convegno della Sezione Italiana della International Union for the Study of Social Insects (IUSSI) – Reggio Emilia 2014.
The 5th Central European Workshop of Myrmecology (CEWM), Innsbruck 2013.
5th European Congress of the International Union for the Study of Social Insects - Montecatini Terme 2012.
V European Conference on Behavioural Biology - Ferrara 2010.
9° Convegno della Sezione Italiana della International Union for the Study of Social Insects – Parma 2001.
16° Convegno della Società Italiana di Etologia – Parma 1994.

OUTREACH - PUBLIC ENGAGEMENT - ORGANIZATION OF POPULAR SCIENCE EVENTS:
PARMA DARWIN DAY, 2008-to date.
CYCLE OF SEMINARS "Raccontare gli insetti tra entomologia, cultura e didattica" in collaboration with Comune di Parma, 2007.
SCIENTIFIC DOCUMENTARIES:
Vita da vespa, GEO & GEO (RAI) 1994.
Un’amazzone piccola piccola, GEO & GEO (RAI) 1997.

FOR RECENT ARTICLES/INTERVIEWS ON POPULAR SCIENCE MAGAZINES, WEB SITES, TELEVISION AND RADIO see:
ATTIVITA’ – TERZA MISSIONE