



Franco Elter

Associate professor

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Education and training

1987

PhD in Geological Sciences

The late Hercynian blastomylonitic Shear Zone of the Posada Valley in the Axial Zone of the Ercinica belt of Sardinia

University of Siena - Siena - IT

1982

Graduation

Geology of the middle segment of the Flumendosa an example of a Ercinian chain at thrusts - 110/110 cum laude

University of Pisa - Pisa - IT

Academic experience

1987 - 1990

Scholarship holder ENEL GREEN POWER

ENEL GREEN POWER - SIENA - IT

Geothermal field deep drilling consultant Larderello Travale and Monte Amiata

1990 - 1998

Confirmed Structural Geology Researcher

University of Siena - Siena - IT

I held the courses of 1) Geology Laboratory I 2) Geology of the Crystalline and 3) Assistant Geological Survey Course

1998 - ONGOING

Associated Professor GEO/03 Structural geology

University of Genova - Genova - IT

Language skills

English

Independent

Teaching activity

teaching activity University of Siena, I held the courses of: 1) Geology Laboratory I; 2) Geology of the Crystalline and 3) Assistant Geological Survey

Course.

University of Genoa, I held and hold courses on: 1) Elements of Structural Geology; 2) Orogenetic Evolution and Tectonic Regimes; 3) Evolution of Perimediterranean chains; 4) Geodynamics of the Mediterranean; 5) Geology and Geology Laboratory 1; 6) Geodynamics; 7) Orogenetic evolution and tectonic regimes; 8) Geology for Natural Sciences; 9) Regional Geology and Geodynamics; 10) Principles of photogeology and remote sensing; 11) Geological survey and cartography

Postgraduate research and teaching activity

Supervision of PhD students, residents and post-doctoral fellows

1) Geology module for TFA and PAS, classes A0 / 59 and A0 / 60 (9 h); 2) Teaching of Earth Sciences (6CFU); 3) PLS Projects Course in Geological Sciences: two projects Alternanza Scuola Lavoro 2017 - 2018
Tutor about 3 PhD in geological sciences

PhD committees membership

Board of Professors in the Doctorate in Earth Sciences from 2000 to 2007

Research interests

My search fields are: 1) Geological framework of the High Temperature - Medium Temperature lithotypes; 2) Geological framework of the magmatic rocks; 3) Geological framework of the Varisic and Apennine covers; 4) Variscan geodynamic evolution 5) Recent Apennine geodynamic evolution; 5) Neotectonic and seismic events; 6) Applied geology (stone quarries and landslides). My research areas are: 1) Northern Turkey Ankara-Samsun-Amasya-Zilè sector (reports Placca Arabica and Turca) in collaboration with the University of Florence; 2) Variscan Sardinian-Corsican massif (Sardinia-Corsica-Maures Massif); 3) Southern Tuscany (Dorsale Monticiano - Roccastrada - Monte Argentario; 4) Island of Elba - Pianosa - Monte Cristo - Capraia; 5) Eastern Liguria; 6) Western Alps (Massif Argentera) in collaboration with the University of Turin. From 1983 to the present I have 169 publications, of which 37 on International Journals and 8 geological maps

Grants

2002 - 2005

Scientific Coordination for the survey of sheets at the scale 1 25000 Chiavari - Genoa Nervi

Regione Liguria - Partecipante - IT

Regione Liguria - Participant

Scientific Coordinator for the survey of sheets at the scale 1: 25,000 Chiavari - Genoa Nervi

2005 - 2007

Parco Portofino Trail Project.

Regione Liguria - Partecipante - IT

Regione Liguria - Participant

Scientific Coordinator Guide Geological Itineraries Liguria - The streets of the Conglomerate two geological itineraries in the Portofino Park

2016 - 2018

Arzeno geological landslide - Prato di Reppia framework

Regione Liguria - Partecipante - IT

Regione Liguria - Participant

Scientific coordinator, Arzeno - Prato di Reppia, in collaboration with CNR of Turin

2005 - 2007

Geomorphological-structural study of the road project

Quadrilatero Foligno-Macerata

ANAS - IT

ANAS - Participant

ANAS supervisor for the geomorphological-structural study of the road section of the Quadrilatero Foligno-Macerata project.

1983 - 1990

Stratigraphy of the Hercynian Basement of the geothermal area of Southern Tuscany.

ENEL GREEN POWER - IT

ENEL GREEN POWER - Participant

Consultant for ENEL GREEN POWER ENERGY, sector of deep surveys, and was responsible for the stratigraphy of the Hercynian Basement of the geothermal area of Southern Tuscany, Larderello, Travale, Monte Amiata.

1982 - 1983

Barbagia geological mining survey

PROGEMISA SPA CAGLIARI - IT

PROGEMISA SPA CAGLIARI - Participant

Geological surveyor at the scale of 1.25.000 Seui, Sadali, Mt. Santa Vittoria, Esterzili, Mt. Tonneri, Tertenia, Jerzu, M.te Ferru and Perdasdefog

1987 - 1989

Detection and cataloging of Ogliastra stone material sites

EMSA REGIONE SARDEGNA - IT

EMSA REGIONE SARDEGNA - Participant

Scientific coordinator of the geological survey from EMSA (Sardinia Region), for the sheets at the scale of 1.25.000, San Salvatore, Tempio Pausania, Aggius, Calangianus and San Antonio di Calangianu

1997 - 1999

**RECONSTRUCTION OF THE CAMBRO / ORDOVICIAN
CONTINENTAL RIFTING DEPOSITIONAL CHARACTERS
(SARDINIA) AND PERMO / TRIASSIC-GIURASSIC (SARDINIA
TUSCANY)**

PRIN MIUR - IT

PRIN MIUR - Participant

NATIONAL PROJECT RESEARCH COORDINATOR GANDIN ANNA

UNIVERSITY OF SIENA

2001 - 2003

**METAMORPHIC AND STRUCTURAL EVOLUTION IN THE
TERRAIN INVOLVED BY PRE-ALPINE COLLISIONAL AND
OROGENETIC EVENTS AT THE MARGIN GONDWANA-
LAURUSSIA**

PRIN MIUR - IT

PRIN MIUR - Participant

NATIONAL PROJECT RESEARCH COORDINATOR CORTESOGNO LUCIANO

UNIVERSITY OF GENOA

2004 - 2006

**MAGMATIC EVENTS AND METAMORPHIC ROOF EVOLUTION
OF LAND INVOLVED IN THE COLLISIONAL PHASE BETWEEN
GONDWANA AND LAURUSSIA IN THE SARDINIAN
BASEMENT AND IN THE WESTERN ALPS**

PRIN MIUR - IT

PRIN MIUR - Participant

NATIONAL PROJECT RESEARCH COORDINATOR GAGGERO LAURA

UNIVERSITY OF GENOA

2006 - 2008

**HERCYNIAN AND AND PREHERCYNIAN EVOLUTION OF THE
CRYSTALLINE BASEMENT OF THE SARDO BLOCK-CORSO-
PROVENZALE RELATIONSHIPS BETWEEN MAGMATISM AND
METAMORPHIC PROCESSES**

PRIN MIUR - IT

PRIN MIUR - Participant

NATIONAL PROJECT RESEARCH COORDINATOR GHEZZO CLAUDIO

UNIVERSITY OF SIENA

2008 - 2010

**GEOLOGICAL-STRUCTURAL AND STRATIGRAPHIC STUDIES
ON THE OPHIOLITES AND MELANGE OF THE IZMIR-
ANKARA-ERZINCAN SUTURE (IAESZ) OF CENTRAL-
EASTERN TURKEY AND COMPARISONS WITH DINARIC SUB-**

PELAGONIAN HELLENIC OPHIOLITES

PRIN MIUR - IT

PRIN MIUR - Participant

NATIONAL/INTERNATIONAL PROJECT RESEARCH COORDINATOR PRINCIPI
GIANFRANCO

UNIVERSITY OF FLORENCE

2010 - 2012

BIRTH AND DEATH OF THE OCEANIC BASINS GEODYNAMIC PROCESSES FROM RIFTING TO CONTINENTAL COLLISION IN MEDITERRANEAN AND CIRCUMEDITARIAN OROGENES

PRIN MIUR - IT

PRIN MIUR - Participant

NATIONAL PROJECT RESEARCH COORDINATOR CAPPONI GIOVANNI

UNIVERSITY OF GENOA

Editorial activity

I was Convener 1) EGU General Assembly (Vienna) both for the years 2005, 2006, for the TS24 Sessions: Crystal Basement: HT shear zones, structures in magmatic rocks and migmatites; and for the session TS7 Granites and migmatites: their spatial, temporal and causal relationships. 2) Convener for the session on the Migmatites in the International World Geology Congress which was held in Oslo (N) in 2008. 3) Invited speaker at Orleans (F) at the Crustal melting meeting in the European Variscan Belt (June 20, 2013). I have lectured at the Universities of Turin, Siena, Florence, Pisa and Cagliari. I was Guest Editor for the Geodynamic Magazine Acta and Lithos. I have been refereing for the magazine Terra Nova, Journal of Structural Geology, Acta Geodynamica, Journal of the Geological Society of London, Tectonics, Journal of Geodynamics, Tectonophysics and Lithos.