



# MICHELE DE GIROLAMO

## APPLIED GEOPHYSICS GEOLOGIST

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### PROFILE

I am a quiet, responsible and precise young man. I am determined to complete every kind of tasks and I would like to expand my knowledge and to improve my skills. University experiences also allowed me to know how to work under the direct control of a chief and to give the right value to the teamwork.

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### SKILLS GEOPHYSIC

Geoelectric studies, Ground Penetrating Radar studies, electromagnetic studies, ERT(Electrical Resistivity Tomography) model interpretation, GPR model and map interpretation, electromagnetic map interpretation, ERT processing, GPR processing, supervise and management of MT station.

### COMPUTER SKILLS GEOPHYSIC SOFTWARE

Res3Dinv, Res2Dinv, Electre Pro, Prosys II, MatGPR, Reflex2DQuick, ADU08e, ADUClient

### GEOLGY SOFTWARE

QGis, Surfer, Google Earth Pro, JOSM(Basic knowledge)

### INFORMATIC

Windows, programming (Matlab, Fortran), Ms Office (IC3), Adobe Photoshop, Adobe Illustrator, Autocad, Hardware (deep knowledge of the components and Pc Desktop machine assembly), use of DOS.

### LANGUAGES

- Italian 5/5
- English 4/5

## EXPERIENCE

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### TRAINING INTERNSHIP

#### GEOPHYSICAL SURVEYS IN THE ARCHAEOLOGICAL FIELD AND USE OF MAGNETOTELLURICS TOOLS (12/2019-05/2020). HOST ORGANIZATION: GEOPROSYS SRL

The Training about the MT station was carried out using ADU08e model. The station was installed on a temporary basis and a series of tests were done for every station component. A second series of tests were executed using manual control for data acquisition. In the Lastly, a long test was carried out using the remote control, in order to check and improve the station data acquisition.

## TRAINING INTERNSHIP

**GPR SURVEYS ON OLIVE TREES FOR THE EARLY DIAGNOSIS OF XILELLA FASTIDIOSA (05/2017- 08/2017).**  
**HOST ORGANIZATION: GEOPROPECTOR SRL**

## EDUCATION

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### MASTER'S DEGREE IN GEOPHYSICAL SCIENCE

**University of Bari Aldo Moro (2017 - 2020),**  
**"INNOVATIVE STRATEGIES FOR THE ANALYSIS OF**  
**GEOPHYSICAL DATA IN THE FAULT ZONE"**  
**FINAL SCORE: 110L**

EXAMS	SCORE
MECCANICA DELLE ROCCE E DELLE TERRE	27/30
PROGRAMMAZIONE PER LE GEOSCIENZE	30/30
NATURA ED EVOLUZIONE DELLA CROSTA TERRESTRE	27/30
PROSPEZIONI GEOFISICHE	30/30
SISMOLOGIA	30/30 L
ANALISI DEI BACINI SEDIMENTARI E GEORISORSE	30/30
GEOLOGIA AMBIENTALE	30/30
VULCANOLOGIA SPERIMENTALE	30/30 L
METODI MATEMATICO-NUMERICI PER LA GEOFISICA	30/30
LABORATORIO DI FISICA SPERIMENTALE ED APPLICATA	27/30
GEODINAMICA DEL MEDITERRANEO	30/30
MECCANICA DEI GEOSISTEMI	28/30
CAMPI GEOFISICI DI POTENZIALE	26/30

### THREE - YEARS DEGREE IN GEOLOGICAL SCIENCE

**University of Bari Aldo Moro (2009 - 2017)**  
**"GEOPHYSICAL SURVEYS IN WASTE LANDFILL IN GRAVINA IN PUGLIA"**

### SCIENTIFIC HIGH SCHOOL DIPLOMA

**Scientific high school "R.Bonghi", Lucera (2001 - 2006)**

### WORKSHOP AND MEETING

**De Giromalo M, Villani F., Sapia V., Romano G., Siniscalchi A. (2021), "Multi-array and multi-scale ERT cooperative inversion: A tool for higher resolution imaging of subsurface geological structures", **Session 13: Seismological and geophysical imaging of shallow geological structures at different scales: challenges and perspectives, 37th General Assembly (GA) of the European Seismologic Commission (ESC) 2021.****