Titles of Presentations for
"Data Analytics for Earth Sciences"
PhD Course

Instructor: Dr. Ebrahim Ghaderpour

Introduction   *Ore: 14:00*

Giulia Felli   *Ore: 14:15 – 14:25*
*Statistical Analysis for the Assessment of Arsenic
Contamination in Groundwater*

Giulia Boccacci   *Ore: 14:30 – 14:40*
*Correlation Study Between Total Ozone Column and
Teleconnection Indices*

Divyeshkumar Rana   *Ore: 14:45 – 14:55*
*Predicting Soil Moisture in Relation with Different Parameters by
Regression Analysis Using ERA5 Data*

Maria Cristina Di Carlo   *Ore: 15:00 – 15:10*
*Dissolution of Amphibole Asbestos in Mimicked
Gamble's Solution at Acidic PH*

Coffee Break   *Ore: 15:15 – 15:30*

Antonio Angellotti   *Ore: 15:30 – 15:40*
Detecting the Outlier: Hidden Bridgmanite

Hanieh Dadkhah   *Ore: 15:45 – 15:55*
Precipitation Time Series Analysis for Italian Regions

Federico Feliziani   *Ore: 16:00 – 16:10*
Time Series Analysis of Climatic Factors on the Island of Ventotene (IT)

Matteo Ferrarotti   *Ore: 16:15 – 16:25*
*Wildfires and Shallow Landslides: Some Data to
Demonstrate a Correlation*