















## FIRST WEEK IN PESCARA

ptember 2022						< Today
Mon 26	Tue 27	Wed 28	Thu 29	Fri 30	Sat 1	Sun 2
day						Settimana del pinaeta terra
:00	09:00	00:00	09:00	09:00	09:00	
Introduction & Housekeeping	Processed data and GIS integration	09:00 Planetary Mapping and geological thinking	Geophysics of the icy satellites	Stratigraphic Relations	Realizing the geological section and the stratigrphic schemes	
09:30 Presentation		xii			the stratigrame senemes	09:30  Moving to the DOLOMITES
10:00	_	10:00		10:00		
Data in planetary science	10:30	DEM		Realizing a geological cross section		
10:45	10:30 Coffee break	10:45	10:45	10:45	10:45	
Coffee break  11:15	11:00 GIS Integration	Coffee break	Coffee break	Coffee break	Coffee break	
13:15   ISIS		11:15 <b>DEM</b>	11:15 Geophysics of the icy satellites	11:15 Mapping	11:15 Realizing the geological section and the stratigrphic schemes	
:00					and on any pine ochemics	
		12:15				
		Type of Mapping approaches				
13:00	13:00	13:00	13:00	13:00	13:00	
Lunch break	Lunch break	Lunch break	Lunch break	Lunch break	Lunch break	
:00						
14:00  Data Processing (CTX)	14:00 Nasa Ames Stereo Pipeline	14:00 Spectral data	14:00 Mapping icy satellites	14:00 Mapping		
				17.5		
:00						
15:45	15:45	15:45	15:45	15:45		
15:45 Coffee break	15:45 Coffee break	15:45 Coffee break	15:45 Coffee break	15:45 Coffee break		
16:15  Data Processing (CTX)	16:15 CTX DEM (HiRise spiegato ma glielo	16:15 QGIS & Mappy	16:15 Mapping icy satellites	16:15 Realizing the geological section and		
	CTX DEM (HiRise spiegato ma glielo diamo noi)			Realizing the geological section and the stratigrphic schemes		
:00						
:00		10:00		10:00		
18:00 Mapping Mars sedimentary		18:00 Mapping Venus		18:00 Mapping Small Bodies		
deposits						
:00 ————						

## POTENTIAL FIELD TRIPS AND PRACTICAL ACTIVITIES

Processes to be potentially seen in the field	Field Analogue and Location	Practical activity	Seminars	Days
Alluvial plains, fluvial sedimentary structures and sequences, arid soils, gypsum nodules and veins mobilization	Arenaria di Val Gardena(Permina) (Blutterbach, Alto Adige)	Photogrammetric 3D reconstruction Stratigraphic logs and structural measurement in virtual environment	Dolomites evolution and formation	2,5
Sabkha environments	Bellerophon fm (Blutterbach or Passo Valles) Travenanzes fm		Sabkhas on Mars?	0,5
Paraglacial environment: debris-flows and rock glaciers.	Passo S. Pellegrino, (Veneto)	Remote Sensing geomorphological interpretation of paraglacial environments of San Pellegrino Pass and on Mars	Glacial, Periglacial and Paraglacial environments on Mars	1,5
Post glacial Deep Seated Gravitational Slope Deformations ?	Castellazzo-Valles	Remote Sensing interpretation of DSGSD on Earth and Mars	DSGSD on Earth and Mars	1
Volcanic processes ?	Middle Triassic Volcanism Canazei- Pordoi)			0,5

## October 2022 Today Sun 2 Mon 3 Tue 4 Wed 5 Thu 6 Fri 7 Sat 8 09:00 **Transfer to Dolomites** Geological field trip at Field Trip on DSGSD Geological Field Trip Stratigraphic log and Volcanic sequences in Geo field trip on at Blutterbach gorge San Pellegrino pass (Valles Castellazzo?) the Dolomites Sabkhas measurement and 3D and photogrammetric environments or (Rock glacier and models on Mars and acquisitions Debris Flow). diapirism structures Blutterbach gorge 10:00 In Dolomites (Bellerophon in **Blutterbach or Valles** or Travenanzes) 11:00 12:00 13:00 Lunch break 14:00 Glacial and Paraglacial morphologies on Ma... 15:00 Geological Photogrammetric VR techniques and Geomorphological Geomorphological interpretation of interpretation of interpretation of reconstruction Environment paraglacial and glacial DSGSD and landslides paraglacial processes on S. Pellegrino pass morphologies on Mars on Mars 16:00 Stratigraphic log and measurements in VR of the Blutterbach gorge **DSGSD** on Earth and Welcome Mars Geology of the Sabkhas on Mars and Dolomites diapirism 18:00

## MARS AND EARTH: A DIFFERENT FATE

- Aim: engage highschool students
- Practical activities
- Lectures

