	Monday 21st November - Day 1	
08:30-09:00	**Registration**	
09:00-10:30	**Lecture:** theoretical and technical key points concerning the acquisition and processing of water column acoustic data	Carla Scalabrin
10:30-11:00	Coffee	
11:00-12:30	**Lecture:** theoretical and technical key points concerning the acquisition and processing of water column acoustic data (conc.)	Carla Scalabrin
12:30-13:30	Lunch	
13:30-15:30	**Lecture:** Sonarscope software used to process water column data. Software download and installation	Jean Marie Augustin and Carla Scalabrin
15:30-16:00	Coffee	
16:00-17:30	**Lecture:** GLOBE software used to visualise water column data. Software download and installation	Cyrille Poncelet and Carla Scalabrin

	Tuesday 22nd November - Day 2	
08:30-10:30	**Practice:** taking in hand Sonarscope with practical training on data; quick bathymetry and reflectivity; water column processing	Jean Marie Augustin and Carla Scalabrin
10:30-11:00	Coffee	
11:00-12:30	**Practice:** taking in hand Sonarscope with practical training on data; quick bathymetry and reflectivity; water column processing (conc.)	Jean Marie Augustin and Carla Scalabrin
12:30-13:30	Lunch	
13:30-15:30	**Practice:** taking in hand GLOBE with practical training on data visualisation (previously generated by Sonarscope)	Cyrille Poncelet and Carla Scalabrin
15:30-16:00	Coffee	
16:00-17:30	**Practice:** taking in hand Sonarscope with practical training on data; water column processing	Jean Marie Augustin and Carla Scalabrin

	Wednesday 23rd November - Day 3	
08:30-10:30	**Practice:** taking in hand Sonarscope, water column processing	Jean Marie Augustin and Carla Scalabrin
10:30-11:00	Coffee	
11:00-12:30	**Practice:** taking in hand Sonarscope, water column processing	Jean Marie Augustin and Carla Scalabrin
12:30-13:30	Lunch	
13:30-15:30	**Practice:** taking in hand GLOBE with practical training on visualisation of water column data (previously generated by Sonarscope)	Jean Marie Augustin and Carla Scalabrin
15:30-16:00	Coffee	
16:00-17:30	**Practice:** taking in hand GLOBE with practical training on visualisation of water column data (previously generated by Sonarscope) (conc.)	Jean Marie Augustin and Carla Scalabrin

	Thursday 24th November - Day 4	
08:30-10:30	**Practice:** Sonarscope/GLOBE practical work on water-column survey data (processing, interpretation and classification of echoes)	Jean Marie Augustin, Cyrille Poncelet and Carla Scalabrin
10:30-11:00	Coffee	
11:00-12:30	**Practice:** Sonarscope/GLOBE practical training on water-column survey data (processing, interpretation and classification of echoes) (cont.)	Jean Marie Augustin, Cyrille Poncelet and Carla Scalabrin
12:30-13:30	Lunch	
13:30-15:30	**Practice:** Sonarscope/GLOBE practical training on water-column survey data (processing, interpretation and classification of echoes) (cont.)	Jean Marie Augustin, Cyrille Poncelet and Carla Scalabrin
15:30-16:00	Coffee	
16:00-17:30	**Practice:** Sonarscope/GLOBE practical training on water-column survey data (processing, interpretation and classification of echoes) (conc.)	Jean Marie Augustin, Cyrille Poncelet and Carla Scalabrin

	Friday 25th November - Day 5	
08:30-09:10	**Lecture**: Seepage, faulting and seismic activity: benefices of tracking fluids in the water column at a regional scale (Sea of Marmara case study)	Stéphanie Dupré
09:10-09:50	**Lecture:** Fluid Geochemistry in the Sea of Marmara	Livio Ruffine
09:50-10:30	**Lecture:** Freshwater lake to salt-water sea causing widespread hydrate dissociation in the Black Sea (GHASS cruise)	Grégory Ballas
10:30-11:00	Coffee	
11:00-11:45	**Lecture:** Using OBSs for studying natural degassing phenomena from the seafloor	Louis Geli
11:45-12:30	**Lecture:** Gas percolation in sediments	Pierre Henry
12:30-13:30	Lunch	
13:30-15:45	Presentations by trainnees (6x15 min)	
	Studying underwater gas emissions in the Azores	Fatima Viveiros *et al.*
	Identification and characterization of fluid escape structures (pockmarks) in the Estramadura Spur based on single-channel seismic reflector record	Débora Duarte
	Large scale hydraulic fracturing reveals a sudden release if fluid in salt-withdraw basins	Tao Ze
	Genesis of mud volcano fluids in the Gulf of Cadiz - application of a 1D numerical model	Christopher Schmidt
	UTM (Unidad de Tecnologia Marina): a brief description	Héctor Sanches
	IHPT working with the water column	Carlos Marques
15:45-16:15	Coffee	
16:15-17:30	**Open discussion and closure**	