



## **E-Mars scientific Day**

*22 November 2012-Auberge du Plat (Yzeron)*

*9h30 Welcome buffet*

### **10h Session 1: Data server**

10h eMars Planetary data server application by **Loïc Lozac'h**

### **10h30 Session 2: Planetary morphology**

10h30: Hydrology of Martian gullies by **Guilhem Aubert**

11h: The Medusae Fossae Formation, Mars by **Samantha Harrison**

11h30: Erosion rate of Valles Marineris ILD by **Cathy Quantin**

### **12h00 Session 3: Alteration on Mars**

12h: Alteration phases in Valles Marineris area by **Patrick Thollot**

*Lunch Break*

14h: Deep clays and surface weathering: two end-members of alteration on Mars by **Damien Loizeau**

14h30: Detection of Serpentine between Isidis and Hellas basin by **Benjamin Bultel**

### **15h Session 4: Magmatism and volcanism on Mars**

15h: Primitive environments on Early Mars and cratering processes: what are we learning from the relation between phyllosilicates and crustal igneous rocks? by **Harold Clenet**

15h30: Model of Martian lava emplacement constrained by lava flow topography by **Pascal Allemand**

### **16h Session 5: Crater count chronology**

16h: The Rayed craters on the Moon and the crater count chronology by **Bertrand Trey**