

## **The School Of Rock: an amazing way to disseminate scientific data and new discoveries from ocean drillings.**

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EGU 2018 EOS 18 session

The School Of Rock: an amazing way to disseminate scientific data and new discoveries from ocean drillings. Launched by USIO (JOIDES Resolution operator) in 2005, the School Of Rock program usually proposes hands-on sessions aboard the IODP drillship JOIDES Resolution, during transits or tie-ups, for Earth and Ocean Science educators. Organised by IODP US, a School Of Rock gives science educators opportunities to conduct geological, physical and chemical research experiences and analyses on cores in laboratories, on the ship or at the repository. In 2014, European “teachers at sea” who sailed onboard the JR as Education / Outreach Officers initiated “Teachers workshops” in the country they are working in.

In 2015 ECORD (European Consortium for Ocean Research Drilling) chose to name these events “ECORD School Of Rock” in continuity with the SOR US.

- 2014: Teachers workshops: “Understanding Earth with cores” in Valbonne, France (Organiser: JL Berenguer).
- 2015: ECORD School Of Rock: “Investigar e estudar a Terra sob o fundo do mar” in Loulé, Portugal (Organiser: Helder Pereira).
- 2017: ECORD School Of Rock: “To explore, study and understand the planet Earth: exp.359, 360 & 362” in Brussels, Belgium (Organiser: Michelle Darrieu AEFE ( Agency for French Education abroad).

During 3 days, lectures were offered by scientists who worked onboard the JR and lab-sessions were developed by the scientists and the Education Officers with Science Teachers, in order to test practical hands-on for their students.

Thus, SOR are excellent ways to get new data and discoveries, arising from ocean drillings, across the science teachers of secondary schools, to keep them in touch with scientists and to open the doors of the scientific research to a wide audience.

In our presentation, we will show the organisation, the aims of the SOR and the impact on the science teachers and educators in both their educational practices and the up- date of their knowledge.