

## JOB OFFER ETN SALTGIANT - 15 ESR (PhD)

ETN SALTGIANT

Février, 2018 - Janvier, 2022

**15 ESR positions available in the Saltgiant ETN - Deadline April 20th 2018**

SALTGIANT is a rare cross-disciplinary network of natural and social scientists dedicated to understanding the formation of the Mediterranean Salt Giant, one of the largest salt deposits on Earth, and its implications for sub-seafloor microbial life, risk assessment in the oil industry, geo-economics of the Mediterranean region and the history of oceanography.



SALTGIANT brings together 24 academic organizations (13 beneficiaries, 11 partners), 6 private sector Oil&Gas companies, 2 mining sector companies, 1 biotechnology company, 1 geopolitics think tank, 1 museum and 1 specialist in transferable skills training from 11 countries to stimulate interdisciplinary and intersectoral knowledge exchange between geologists, geophysicists, geochemists, microbiologist, geographers and historians in a network with PhD students at its core.

SALTGIANT combines (i) geological and geochemical field work, (ii) laboratory measurements and experiments, (iii) numerical modelling at a wide range of spatial and temporal scales and (iv) empirical social sciences data collection and analysis, guaranteeing exposure of the research fellows to state-of-the-art scientific knowledge and hands-on practical training in a field rich in applications of both intellectual and societal relevance.

<https://euraxess.ec.europa.eu/jobs/272897>

<http://www.ipgp.fr/fr/etn-saltgiant>

▪ **Fellow: ESR13**

*Duration:* 36 months

*Host institution:* Centre National de la Recherche Scientifique (CNRS), Lille (France)

*Title:* Analogue modelling of combined crustal and Messinian salt deformation in Mediterranean.

*Primary supervisor(s):* Virginie Gaullier & Bruno Vendeville

*Secondment Institutions:* Université Toulouse III Paul Sabatier, Centre for Marine Environmental Sciences (MARUM) & Volcanic Basin Petroleum Research (VBPR)

*Objectives:* To use an analogue modelling approach combined with an analysis of natural Mediterranean examples to gain insight into the deformation styles of the Mediterranean Salt Giant.

*Keywords:* Basin-scale salt tectonics, analog modeling

*For further information:* Contact primary supervisor: [virginie.gaullier@univ-lille1.fr](mailto:virginie.gaullier@univ-lille1.fr) 

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