

# Press Release



67/2018

## **Christmas in the Western Pacific Kiel Marine Scientists investigate the birthplace of a continent with RV SONNE**

***10 December 2018 / Kiel, Suva.* What are the processes involved in the formation of new earth crust in the oceans? When and how are metal deposits formed? In order to answer these questions, a multidisciplinary group of scientists conducts an expedition with the**

ocean crust is accompanied by magmatic and hydrothermal processes that can lead to the formation of mineral deposits. "Our work is therefore a mixture of applied aspects and basic research," he sums up.

The group on board the SONNE includes researchers from GEOMAR and students from Kiel University, scientists from the Federal Institute for Geosciences and Natural Resources in Hanover and the Helmholtz Centre Potsdam German Geosciences Centre, as well as international participants from the Netherlands, Canada, Australia and Tonga. The team combines both its scientific expertise and the complex research infrastructure. The voyage of the SONNE will end on 26 January 2019 in Suva, Fiji.

**Expedition at a glance:**

FS SONNE expedition SO267

Project: ARCHIMEDES I

Chief Scientists: Prof. Dr. Mark Hannington (GEOMAR)/Prof. Dr. Heidrun Kopp (GEOMAR)

Start: 11 December 2018 in Suva (Fiji)

Working area: Lau Basin, SW Pacific

End: 26 January 2019 in Suva (Fiji)

**Links:**

[www.geomar.de](http://www.geomar.de) GEOMAR Helmholtz Centre for Ocean Research Kiel

[www.oceanblogs.org/so267](http://www.oceanblogs.org/so267) blog of the expedition SO267

**Images:**

At [www.geomar.de/n6231-e](http://www.geomar.de/n6231-e) images are available for download.

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