

## ERC FOCUS

### Presentations at international conferences:

**Gutscher M.-A.**, Royer, J.-Y., Graindorge, D., Murphy, S., Klingelhofer, F., Aiken, C., Cattaneo, A., Barreca, G., Quetel, L., Riccobene, G., Petersen, F., Urlaub, M., Krastel, S., Gross, F., Kopp, H., Moretti, M., Berenzoli, L. *Applying laser reflectometry to study active submarine faults: the FOCUS project (FOCUS = Fiber Optic Cable Use for Seafloor studies of earthquake hazard and deformation)*, EGU Meeting Vienna, Apr. 2019.

**Gutscher M.-A.**, Royer, J.-Y., Graindorge, D., Murphy, S., Klingelhofer, F., Aiken, C., Cattaneo, A., Barreca, G., Quetel, L., Riccobene, G., Petersen, F., Urlaub, M., Krastel, S., Gross, F., Kopp, H. *The FOCUS project offshore Catania, Sicily (FOCUS = Fiber Optic Cable Use for Seafloor studies of earthquake hazard and deformation)*, Geo-astro workshop, IPG Paris Feb. 2019.

**Gutscher M.-A.**, Royer, J.-Y., Graindorge, D., Murphy, S., Klingelhofer, F., Aiken, C., Cattaneo, A., Barreca, G., Quetel, L., Riccobene, G., Petersen, F., Urlaub, M., Krastel, S., Gross, F., Kopp, H. *The FOCUS project offshore Catania, Sicily (FOCUS = Fiber Optic Cable Use for Seafloor studies of earthquake hazard and deformation)*, AGU Fall Meeting Washington D.C., Dec. 2018.

**Gutscher M.-A.** *FOCUS - Fiber Optic Cable Use for Seafloor studies of earthquake hazard and deformation*, MedMeet 2018 Meeting, Utrecht, 18-19 Oct. 2018.

**Gutscher M.-A.** *A novel approach for studying submarine faults: the FOCUS project (FOCUS = Fiber Optic Cable Use for Seafloor studies of earthquake hazard and deformation)*, 50 years anniversary symposium Plate Tectonics, College de France, Paris, 25-26 Jun 2018.

**Gutscher M.-A.**, Royer, J.-Y., Graindorge, D., Murphy, S., Klingelhofer, F., Cattaneo, A., Barreca, G., Quetel, L., Riccobene, G., Petersen, F., Urlaub, M., Krastel, S., Gross, F., Kopp, H. *Benefitting from cabled observatories to study active submarine faults: the FOCUS project (FOCUS = Fiber Optic Cable Use for Seafloor studies of earthquake hazard and deformation)*, EGU Meeting Vienna, Apr. 2018.

**Gutscher M.-A.**, Royer, J.-Y., Graindorge, D., Murphy, S., Klingelhofer, F., Cattaneo, A., Barreca, G., Quetel, L., Riccobene, G., Petersen, F., Urlaub, M., Krastel, S., Gross, F., Kopp, H. *A novel approach for studying submarine faults: the FOCUS project (FOCUS = Fiber Optic Cable Use for Seafloor studies of earthquake hazard and deformation)*, AGU Fall Meeting, New Orleans, Dec. 2017.

**Gutscher M.-A.** *Using fibers as sensors for seafloor deformation: the FOCUS project, a novel approach for studying submarine faults*. Joint Task Force (UNESCO) 6th Workshop on SMART Cables, IUEM, Plouzané, 13 Nov. 2017.

**Gutscher M.-A.** *Investigating an active strike-slip fault 20km from an urban center of 1 million people: The FOCUS project offshore Catania*. FLOWS Workshop, Granada Spain, 10-11 October 2017.

## Invited talks in academic institutions:

**EOS (Earth Observatory of Singapore)**, Singapore. le 27 juillet 2018. *A novel approach to study active submarine faults: The FOCUS project (FOCUS - Fiber Optic Cable Use for Seafloor Studies of earthquake hazard and deformation (en Anglais))*

**Geosciences Montpellier**, Univ. Montpellier. le 24 mai 2018. *FOCUS - Fiber Optic Cable Use for Seafloor Studies of earthquake hazard and deformation : une nouvelle approche pour étudier une faille active au large de la Sicile (mer Ionienne) à proximité de la station EMSO Catane*

**Univ. Nice, GeoAzur Laboratory**, Sophia-Antipolis. le 30 mars 2018. *FOCUS - Fiber Optic Cable Use for Seafloor Studies of earthquake hazard and deformation : une nouvelle approche pour étudier une faille active au large de la Sicile (mer Ionienne) à proximité de la station EMSO Catane*

**CSIC-CMIMA**, Barcelona. le 15 février 2018. *A novel approach to study active submarine faults: The FOCUS project (FOCUS - Fiber Optic Cable Use for Seafloor Studies of earthquake hazard and deformation (en Anglais))*

**NCU (National Central University)**, Chongli, Taiwan. le 3 novembre, 2017. *Active tectonics and destructive historical earthquakes in E Sicily/Calabria: results of recent marine surveys and the FOCUS project, a novel approach for studying submarine faults with fiber optics (en Anglais)*

**IO-NTU (Institute of Oceanography - National Taiwan University)**, Taipei, Taiwan. le 2 novembre, 2017. *Active tectonics and destructive historical earthquakes in E Sicily/Calabria: results of recent marine surveys and the FOCUS project, a novel approach for studying submarine faults with fiber optics (en Anglais)*

**University of Catania (Dept. of Geology)**, Catania, Italy, le 21 juillet, 2017. *A new approach to study seismic hazard and active faults offshore East Sicily: The FOCUS project (en Anglais)*

**INGV**, Catania, Italy, le 20 juillet, 2017. *A new approach to study seismic hazard and active faults offshore East Sicily: The FOCUS project (en Anglais)*

**INGV**, Rome, Italy, le 4 juillet, 2017. *A new approach to study seismic hazard and active faults offshore East Sicily: The FOCUS project (en Anglais)*

**Geomar**, Kiel, Germany, le 15 juin, 2017. *A new approach to study seismic hazard and active faults offshore East Sicily: The FOCUS project (en Anglais)*

## Invited talks in commercial/industrial meetings:

**iXblue User Conference** 22 Jan. 2019 Amsterdam, Netherlands.

*New approaches in seafloor geodesy - the FOCUS project offshore Catania, Sicily (FOCUS = Fiber Optic Cable Use for Seafloor studies of earthquake hazard and deformation)*

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