



## **Recent results and prospectives of the ring-laser GINGERino**

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Since more than one year, GINGERino is operational inside the underground laboratory of the GranSasso. It is one horizontal square device with 14.4m perimeter, which is the maximum size compatible with the space assigned by the laboratory. It is located in an interesting area from the seismological point of view, and it provides unique information together with the long period seismometers located on top of its monument. It is based on standard hetero-lithic structure made in granite and stainless steel, and thanks to the very high thermal stability of the underground environment, it has been possible to start the data taking without any control of the geometry of the ring; since the very beginning GINGERino has been able to provide rotational data with very high duty cycle. Its sensitivity and long term behavior is described and compared with the expected shot noise. Future implementations are discussed in details.