



Contribution ID: 6

Type: **Talk**

## **GWOSC and gravitational-wave data analysis training**

*Wednesday 7 May 2025 14:35 (20 minutes)*

Since their discovery in 2015, gravitational waves have become a hot topic in physics research. Gravitational-wave data produced by the LVK Collaboration, formed by the LIGO, Virgo and KAGRA collaborations, become fully public after a grace period; combined with the relative simplicity of the data themselves (one time series of the main signal channel per each interferometer, plus some simple data quality information), this created a large community of professional scientists, students and even citizen scientists analyzing them.

The Gravitational-Wave Open Science Centre ([gwosc.org](http://gwosc.org)), besides maintaining a site hosting the public data and relevant software, developed a large amount of training and teaching materials such as tutorials and documentation, and organises periodical GW Open Data Workshops, “crash courses” in GW data analysis. This contribution describes such materials and activities.

### **Requested talk length**

15

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