

# Description and aim of the workshop

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# WEAVE



Week of WEAVE (WoW) 2017

## Description and aim of the workshop

1) Hands-on meeting on the survey planning (27/11-30/11, invitations)

The **Week of WEAVE2 (WoW2)** is a workshop, second of a series, with the aim of further developing the WEAVE-GA implementation plans of the four components of the survey ("*sub-surveys*": the Galactic halo, the dynamics of the Galactic discs, Chemical labelling of Galactic populations, the Galactic open clusters), and allowing hands-on working time for the sub-survey teams.

The general goals and of the WoW workshop are:

- To complete the design and target selection of the WEAVE-GA survey in light of the imminent Gaia DR
- To ensure the proper degree of communication and discussions within the WEAVE-GA steering group (researchers responsible for survey science preparation and survey planning) and Survey Working Group (SWG, in charge of the implementation of the survey and previous tests)
- To integrate the WEAVE-GA survey within the whole WEAVE project

The specific topics of discussion will be:

- Review of plans for the four WEAVE-GA sub-surveys & updates
- Review of the Gaia DR2
- Assessment of Gaia data readiness/issues for our purpose, mitigations, etc.
- Work toward the final target selection function for the four sub-surveys (i.e. including Gaia data + ancillary multi-colour photometric data) & footprint
- Discussions on the WEAVE LR and HR performances (stemming from the end-to-end WEAVE simulations performed in the framework of the Operational Rehearsal 2 in June)
- Discussion with the WEAVE Core Processing System (CPS: data reduction), Advanced Processing System (APS: classification and analysis), and WEAVE Archive System (WAS) teams
- Integration of the WEAVE-GA survey within the WEAVE operation and dataflow (SWG, CPS, APS, WAS)

## 2) Whole WEAVE GA science team meeting (30/11-1/12)

The last two days of the week, from Thursday Nov 30 14:00 to Friday Dec 1st afternoon, are open to the whole WEAVE GA science team, and will be devoted to reviewing and discussing the Galactic Archaeology science that is expected to come out of the WEAVE GA surveys.

To this end, we expect the WEAVE GA science team to widely participate to these two days, and we are soliciting talks outlining the projects you want to perform with the WEAVE GA surveys.

Please send your abstract no later than Nov 8th to [wow2@fqa.ub.edu](mailto:wow2@fqa.ub.edu)

Please also use the Registration page to register to the meeting no later than Nov 15th.