

WEAVE Science Verification ING-community workshop, 14-15 Nov 2019

Location

IAC (room: Sala Pleyades)

Calle Vía Láctea, s/n, 38205 San Cristóbal de La Laguna, Santa Cruz de Tenerife, Spain

In-person attendees

Please sign in at the security gate (at the entrance to the IAC carpark) on arrival on Thursday and Friday morning. You will need your passport. If asked, please mention Alfonso L. Aguerri as your contact at the IAC.

Remote connection

- *Web browser:* <https://bluejeans.com/673000938>

- *Room system:*

1) Dial: 199.48.152.152

2) Enter 9-digit Meeting ID = the last 9 digits of the web-browser URL

- *Dial-in from phone:*

1) Check BlueJeans number to call from your country by checking here:

<https://www.bluejeans.com/numbers>

2) Enter Meeting ID = last 9 digits in the web browser link

3) Press #

The IAC meeting room will link up to BlueJeans at 10:15 GMT on Thursday.

Thursday programme (all times in GMT)

09:30 *Welcome coffee (IAC cafeteria; participants to also pre-order and pay for lunch at cafeteria)*

10:30 Introduction to workshop (Shoko Jin)

10:45 WEAVE Overview (Scott Trager)

11:30 WEAVE Commissioning and Science Verification (Chris Benn)

12:15 WEAVE Management as relevant to SV, general info and information flow (Shoko Jin)

12:50 Q&A session (with all morning speakers)

13:00 *Lunch (IAC cafeteria)*

14:15 ING and the WHT in the WEAVE era (Marc Balcells)

14:45 WEAVE “inputs/outputs” summary in the context of data flow (David Murphy)

15:15 Core Processing System (Clare Worley)

15:45 *Coffee*

16:15 Advanced Processing System (Alireza Molaeinezhad)

16:45 Operational Repository (David Murphy)

17:15 WEAVE Archive System (Scott Trager)

17:40 Science data access and publication policy (Shoko Jin)

18:00 Q&A session (with all speakers)

20:00 *Dinner, Restaurante “Guaidyl” Calle Dean Palahi, 26, 38201 San Cristóbal de La Laguna*

Friday programme (all times in GMT)

09:30 Introduction to Friday (Shoko Jin)

09:45 Input FITS catalogue hack (Clare Worley and David Murphy)

11:00 *Coffee (IAC cafeteria; all participants to also pre-order and pay for lunch at cafeteria)*

11:40 Input FITS catalogue hack continued (Clare Worley and David Murphy)

13:00 *Lunch (IAC cafeteria)*

14:15 Q&A session on FITS catalogues (Clare Worley and David Murphy)

14:40 XML/configure-based session (David Murphy and Shoko Jin)

15:45 *Coffee*

16:15 XML/configure-based session continued (David Murphy and Shoko Jin)

16:45 Q&A session on any topic covered during the workshop or beyond!

Common WEAVE acronyms / abbreviations / terminology

APS	Advanced Processing System (based at IAC, Tenerife)
CPS	Core Processing System (based at CASU, Cambridge)
OCS	Observatory Control System (based at ING, La Palma)
OISMT	On-Island Survey Management Team (based at ING, La Palma)
OR	Operational Repository (based at CASU, Cambridge)
QAG	Quality Assurance Group
SV	Science Verification
SWG	Survey Working Group
WAS	WEAVE Archive System (based at TNG, La Palma)
WASP	WEAVE Automated Submission Platform (based at CASU, Cambridge)
WEAVE Survey	– comprises 8 independent surveys, each with its own dedicated science team

CPS/L1 data (from CPS pipeline) – results from processing of raw WEAVE data to generate bias-subtracted, flat-fielded, wavelength- and flux-calibrated 1D spectra and IFU cubes.

APS/L2 data (from APS pipeline) – results from analysis of CPS/L1 data to generate target classification, stellar parameters, redshifts, elemental abundances, etc.

MOS – mode in which an average of 950 MOS fibres will be available (of which 1.5% are allocated to white dwarfs for flux calibration, and 10% to blank sky positions for sky subtraction).

mIFUs – mode in which 20 independently deployable mini IFUs are available (of which one will be dedicated for observing blank sky for sky subtraction).

LIFU – mode in which one Large IFU is available for observing the target; dedicated sky bundles surrounding the main array will be used to observe blank sky for sky subtraction.

Who's who in WEAVE (as relevant to SV workshop)

Alireza Molaeinezhad, Carlos Allende Prieto (APS team, Tenerife)

Chris Benn (Instrument Scientist)

Clare Worley, David Murphy (CPS/CASU team, Cambridge)

Gavin Dalton (PI, Oxford)

Marc Balcells (ING director)

Scott Trager (Project Scientist, Dutch national PI and Deputy PI, Groningen)

Shoko Jin (Deputy Project Scientist, Groningen/Oxford)

Any (urgent) questions on the day? Please email Shoko (or whatsapp/text/SMS +31 616621120).