



ET-Sardegna

*Instruction for
newcomers*

A. Contu



Introduction

1. La Research Unit (RU) è un raggruppamento di persone all'interno della collaborazione ET, in generale da istituti diversi (INFN/UniCA/UniSS/INGV) ma tipicamente geograficamente vicine
2. Andrea Contu (andrea.contu@ca.infn.it) è il Team Leader dell'unità e rappresenta la RU nel Collaboration Board. Per qualsiasi esigenza è il vostro primo punto di contatto
3. L'appartenenza a una RU è formalizzata nell'Einstein Telescope Member Database (ETMD)

<https://anns.et-gw.eu/etmd/>

La Research Unit ET-Sardegna

1. The Research Unit (RU) is a group of people within the ET collaboration, usually made of a few institutes, in our case: INFN/UniCA/UniSS/INGV
2. Andrea Contu (andrea.contu@ca.infn.it) is Team Leader of the RU and represents it in the Collaboration Board. He is your first point of contact
3. RU and ET membership is formalised in the Einstein Telescope Member Database (ETMD)
<https://apps.et-gw.eu/etmd/>

The ETMD

1. Who participate in ET must appear in the ETMD that also contains the activities to which each member contributes
2. Once in the ETMD everyone can choose autonomously his/her activities in terms of Full Time Research Equivalent (FTRE), a number that goes from 0 to 1
3. FTREs represent (approximately) the fraction of time you dedicate to those activities

How do I get an ET account?

1. Discuss with the RU leader that will insert your name in the ETMD
2. Ask for an account at the following link:
<https://userprofile.ego-gw.it/accountrequest.aspx>
3. Who just forgot the credentials:
<https://userprofile.ego-gw.it/resetpwd.aspx>
4. Instructions will be sent, follow them
5. In case of problems contact the RU leader and/or write to service@ego-gw.it

I have an account, what do I do?

1. Login in the ETMD <https://apps.et-gw.eu/etmd/> at least once on go to your personal page

Andrea Contu

[Go to list of Collaboration Members](#)

[Modify Member details](#) [End Member-RU association](#)

Institution(s)	INFN Cagliari
ET Research Unit	INFN Cagliari e Università degli Studi di Cagliari (Research Unit leader)
E-mail	andrea.contu@ca.infn.it
Phone	
ORCID	
Position	Staff researcher
Permanent/Temporary	Permanent

Expertise
Data analysis. Computing/Parallel architectures. Detector simulation/commissioning. Project Management.

Expected activities
Site characterization and site monitoring; Newtonian noise studies and its mitigation

Milestones
Completion of the Sardinian site characterization

Member Activity FRTE contributions
0.3 FRTE currently committed to Activities.

Add an Activity contribution for this profile
To add an FRTE contribution, choose the Activity in the drop-down list below, declare an FRTE contribution, add a description and then click on the blue save button on the right-hand side.

Choose an Activity for the FRTE contribution	FRTE (Max. 0.7)	Description (Max. 256 characters)
EB	0	

This Member's current Activity FRTE contributions
Below are listed all of the current Activity FRTE contributions declared by this Member.
The Activity FRTE contributions listed below can be removed by clicking on the red and white 'x' button, available to the left of each contribution.

Activity	FRTE	Contribution Description	Date noted in ETMD
SPB > WD1 - Physical Variables and Characterization	0.2	Participation in measurement campaigns and infrastructure support and maintenance at the Sos Enattos Site	21-02-2024
CB	0.1	Participation in the activities of the CB	21-02-2024
Total	0.3		

History

ID	Created	By					Details
10594	11:29 21/02/2024	Andrea Contu	-	-	ET General	-	Member Activity FRTE contribution ended.
10593	11:29 21/02/2024	Andrea Contu	-	-	SPB > WD1 - Physical Variables and Characterization	-	Member Activity FRTE updated.

I have an account, what do I do?

1. Check your details and modify them if necessary
2. Add/modify your FT(R)Es as appropriate (to the lowest level possible in the activity tree)

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Access documentation

1. The same account for ETMD allow you to access to info and documentation produced by the international collaboration: <https://wiki.et-gw.eu/>
2. The wiki also gives an overview of tree structure of the collaboration
3. Click on the links to get more details on Board/Division/WP

Webs	
<input type="checkbox"/>	CB
<input type="checkbox"/>	EB
<input type="checkbox"/>	EIB
<input type="checkbox"/>	ComputingAndDataMode
<input type="checkbox"/>	MultimessengerAlertsInfr
<input type="checkbox"/>	ServicesAndCollaborator
<input type="checkbox"/>	SoftwareFrameworks
<input type="checkbox"/>	TechnologyTrackingWork
<input type="checkbox"/>	INFRA_DEV
<input type="checkbox"/>	WP1
<input type="checkbox"/>	WP10
<input type="checkbox"/>	WP2
<input type="checkbox"/>	WP3
<input type="checkbox"/>	WP4
<input type="checkbox"/>	WP5
<input type="checkbox"/>	WP6
<input type="checkbox"/>	WP7
<input type="checkbox"/>	WP8
<input type="checkbox"/>	WP9
<input type="checkbox"/>	ISB
<input type="checkbox"/>	ActiveNoiseMitigation
<input type="checkbox"/>	Infrastructures
<input type="checkbox"/>	Interferometer
<input type="checkbox"/>	Calibration
<input type="checkbox"/>	ModelDesignTools
<input type="checkbox"/>	NoiseChar
<input type="checkbox"/>	ObservatoryDesignAnd
<input type="checkbox"/>	MaterialsDatabase
<input type="checkbox"/>	Optics
<input type="checkbox"/>	CoreOptics
<input type="checkbox"/>	InputOutputOptics
<input type="checkbox"/>	ScatteredLight
<input type="checkbox"/>	SqueezedLight
<input type="checkbox"/>	Wavefrontsensingandc

Welcome to the **ISB/Optics/Wavefrontsensingandcontrols** web

WSC

Wavefront sensing and controls

Organization

Co-chairs: Martin van Beuzekom and Alessio Rocchi

Group chair

- Mailing list of the WP: [Et-isb-opt-wsc](#)
- Regular meetings held on a monthly basis, on the second Monday at 9:30 CET/CEST (10:30-11:30 UTC)
 - Connection information:
 - Zoom room link: <https://cern.zoom.us/j/67534148617?pwd=Z0VSajYzbG1hT1dxZ0hGMDI5UG84Zz09>
 - Meeting ID: 675 3414 8617
 - Passcode: 854749
- Slides presented to the Optics Division meeting on May 14th, 2021 - [ET-0337A-21](#)
- [Scope and Interface Document](#)

Introduction

Scope of the present document is to draft the list of tasks to be included in the scope of the Wavefront Sensing and Control [WorkPackage](#).

The WG deals with the correction and optimization of the wavefronts in the whole interferometer. For this reason, all activities concerning wavefront correction in general at all locations where this is possible have been included.

ET-LF and ET-HF will have very different optical specifications and, as such, must be considered as two different instruments. Nevertheless, the list of tasks has been drafted to be applicable to both interferometers. A note has been added where specific issues arise.

Meetings

Link to the [minutes file](#)

- 2023-10-09: TBC
- 2023-09-18: [recording of the meeting](#)
- 2023-07-17: [recording of the meeting](#)

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**Mailing list to subscribe to
(click on it)
ADVICE: sign up also to those
above the chosen one (es.
ISB/Optics e ISB if available)**

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History of meetings

The «INFN side»

1. The RU lives in the space of the ET international collaboration (which does not care if you are associated to INFN or not)
2. However, at local and national level the management is through INFN
3. Many of you are associated to INFN with «Percentages» (=FTE) associated to the «sigla» ET_ITALIA that it would be good to correspond to your totale FTRES in the ETMD
4. **The local responsible for ET for INFN is still Andrea Contu** and takes care of your FTEs, and financial requests to the Scientific commission of INFN through the **National Responsible of ET Domenico D'Urso**
5. In general, it is not necessary to be associated to INFN to participate in ET through the RU. But it may be appropriate in some cases → contact the RU leader