

WP4 Technology Forum 3

Rapport sur les contributions

ID de Contribution: 1

Type: **Non spécifié**

Welcome and Introduction

mardi 15 mars 2022 09:30 (20 minutes)

Orateur: ALLEN, Mark (CDS/CNRS)

Classification de Session: Welcome and WP status

ID de Contribution: 2

Type: **Non spécifié**

CEVO Task 1: status

mardi 15 mars 2022 09:50 (20 minutes)

Orateur: MOLINARO, Marco (INAF)

Classification de Session: Welcome and WP status

ID de Contribution: 3

Type: **Non spécifié**

CEVO Task 2: status

mardi 15 mars 2022 10:10 (20 minutes)

Orateur: BONNAREL, François (CDS ObAS CNRS Université de Strasbourg)

Classification de Session: Welcome and WP status

ID de Contribution: 4

Type: **Non spécifié**

Feedback from the 2nd ESCAPE-VO School

mercredi 16 mars 2022 09:30 (20 minutes)

Orateur: AMODEO, Stefania (CDS, Observatoire Astronomique de Strasbourg)

Classification de Session: Presentations

ID de Contribution: 5

Type: **Non spécifié**

Aladin Lite meets MOCWasm: online calculator and interactive viewer of credible areas of GW sky localizations.

mercredi 16 mars 2022 09:50 (20 minutes)

Orateur: GRECO, Giuseppe (INFN-Perugia)

Classification de Session: Presentations

ID de Contribution: 6

Type: **Non spécifié**

LoTSS DR2 - A technical view

mercredi 16 mars 2022 10:10 (20 minutes)

Orateur: GRANGE, Yan (ASTRON, the Netherlands Institute for Radio Astronomy)

Classification de Session: Presentations

ID de Contribution: 7

Type: **Non spécifié**

ExecutionPlanner - CanIDoThis?

mercredi 16 mars 2022 10:30 (20 minutes)

Orateur: MORRIS, Dave (University of Edinburgh)

Classification de Session: Presentations

ID de Contribution: **8**

Type: **Non spécifié**

CEVO Task 3: status

mardi 15 mars 2022 11:00 (20 minutes)

Orateur: ROMANIELLO, Martino (ESO)

Classification de Session: Welcome and WP status

ID de Contribution: **9**

Type: **Non spécifié**

Schedule afternoon Hackathons

mardi 15 mars 2022 11:20 (20 minutes)

Classification de Session: Welcome and WP status

ID de Contribution: **10**

Type: **Non spécifié**

Summary of Hackathons

mercredi 16 mars 2022 15:30 (30 minutes)

Classification de Session: Plenary

ID de Contribution: 11

Type: **Non spécifié**

Open Discussion: What are the next technical steps for the Euro-VO aspects of ESCAPE?

mercredi 16 mars 2022 16:00 (1 heure)

What are the next technical steps for integration with WP2, WP3, WP5 ? – What is feasible and realistic?

(We need some tests of the VO access in the ESAP platform - do the TAP services work correctly?)

There are 2 more IVOA interoperability meetings during the project - what topics should we address there?

(D4.8, the main final deliverable report for WP4 is scheduled for September 2022, so things to include there must be finished by ~end of June)

There will be one more ESCAPE school (WP3) - should we put a tutorial there?

Classification de Session: Plenary

ID de Contribution: **12**

Type: **Non spécifié**

Wrap up

mercredi 16 mars 2022 17:00 (5 minutes)

Classification de Session: Plenary

ID de Contribution: 13

Type: **Non spécifié**

CTA/KM3Net VO DataModels progress

mardi 15 mars 2022 14:30 (2h 30m)

CTA/KM3Net VO DataModels progress “Mapping CTA datamodels and more specifically gammapy index files to IVOA standard in the overall perspective of using/defining interoperability datamodels and standards for KM3Net and CTA.” Our objective is to properly describe CTA data products in the VO framework. To make this data findable, a first step is to associate the right metadata in the standardised fields of the VO ObsCore data model. We thus expect to find a mapping between the ObsCore data model and the general CTA data model. We can use as a base to the discussion the gammapy DataStore concept, where gammapy expects an index file or several (obs-index and hdu-index) that shortly describe each data product and its content. However, some information may not be found in the index files, and in that case it may be in the more general CTA data model, or one may need to extract the information from the data itself. The steps of the discussions would be as follow :

- review of use cases and objectives * discussion on each ObsCore keyword to create a mapping table
- identify important metadata not covered by ObsCore (may be the base for an ObsCore extension for VHE/HE) The discussion may be illustrated by Obspm prototype ObsTAP service that exposes HESS public DL3 data :
<https://hess-dr.obspm.fr/>
Use/science cases are listed below material needed to be read before the meeting for more fluent discussion
- presentation / documentation / links of the VO ObsCore mandatory and optional fields : see ObsCore UML diagram in
<https://cloud.projectescape.eu/index.php/s/verY6WXPnzWYTd4> or full specification here :
<https://www.ivoa.net/documents/ObsCore/20170509/index.html>
- presentation / documentation / links of the CTA data levels, data content, and general data models : see
<https://cloud.projectescape.eu/index.php/s/1P5oTA1Zow8qn5e>
- presentation / documentation / links of the gammapy DataStore structure and the content of the index files :
<https://docs.gammapy.org/dev/api/gammapy.data.DataStore.html> https://gamma-astro-data-formats.readthedocs.io/en/latest/data_storage/obs_index/index.html
https://gamma-astro-data-formats.readthedocs.io/en/latest/data_storage/hdu_index/index.html

Google doc to fill :

https://docs.google.com/document/d/1vVzQVfjlbSW9eCEBnRWrPP__E10v7s5lm95-Q-BzyTg/edit?usp=sharing

Classification de Session: Hackathons

ID de Contribution: 14

Type: **Non spécifié**

Metadata schemata for resources in the IVOA, in Europe and at global level

mardi 15 mars 2022 14:30 (2h 30m)

<https://gather.town/app/PuCDQczUl8pfyXH3/ObAS>

Classification de Session: Hackathons

ID de Contribution: 15

Type: **Non spécifié**

LineTAP Proposal

mercredi 16 mars 2022 13:00 (2 heures)

LineTAP is a proposal for a relational schema to describe spectral line transitions that can be queried using the TAP protocol. Current version can be found at <https://github.com/mmpcn/slapvamdc>. An implementation is being prepared, and there are some open questions to be discussed.

The hackathon will happen in [gather.town](https://app.gather.town/app/PuCDQczUl8pfyXH3/ObAS)
<https://app.gather.town/app/PuCDQczUl8pfyXH3/ObAS>

Classification de Session: Hackathons

ID de Contribution: 16

Type: **Non spécifié**

Mapping Single dish metadata to Obscore.

mercredi 16 mars 2022 14:00 (1 heure)

Some issues with specific attributes

Starting point : Alessandra's view on some obscore attributes issues with SD data (presented initially in an IVOA Radio IG meeting)

the hackathon has been split in two parts . Initially during the TEch Forum and then a follow up on March 21st

Zoom link:

<https://cnrs.zoom.us/j/97900825333?pwd=MitQRkoyZXg3czBHem8vWkxYQTlyZz09>

Classification de Session: Hackathons

ID de Contribution: 17

Type: **Non spécifié**

Open discussion about the metadata and service interface for the ExecutionPlanner.

mercredi 16 mars 2022 13:00 (2 heures)

The hackathon will happen in gather.town
<https://app.gather.town/app/PuCDQczUl8pfyXH3/ObAS>

Classification de Session: Hackathons