



# ESCAPE

European Science Cluster of Astronomy &  
Particle physics ESFRI research Infrastructures

## ESCAPE OSSR Contributions by FAU

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for the OSSR Team

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- Persons: Jutta Schnabel, Tamás Gál (partly), Stefan Reck (partly), Kay Graf (FAU contribution)
- General: coordinating and supporting the work package activities in general and via KM3NeT developments in a scientific way.
- Task 3.1 - MAPS
  - General organisation and coordination of the work package, link to other work packages and the EOSC architecture working group; establishment and support of focus groups;
  - establishment of a help centre, setting up and maintenance of the necessary IT services for an effective collaboration within (and across) the ESCAPE workpackage(s);
  - organization of the first OSSR workshop (10-12<sup>th</sup> of July, 2019);
  - drafting and finalization of deliverable D3.1 (project plan);
  - organization of the starting questionnaire to evaluate the status, expectations and planned activities of the WP partners.
  - Maintain the IT services and helpdesk;
  - training, webinars and online tutorials, including organizing a second workshops;
  - networking and dissemination.
- Task 3.2 - ESSC
  - organization of the relevant focus group with meetings;
  - definition and implementation of the software feedback survey;
  - demonstration of KM3NeT best practice in software handling (development, CI/CD);
  - deploying KM3NeT software to OSSR.



## ● Task 3.3 - CASS

- Coordination with CTA for common data formats and software tools with KM3NeT;
- Common CTA/KM3NeT developments in data formats and common software tools.

## ● Task 3.4 - COSSI

- Presenting the best practices of innovative workflows in KM3NeT and discussing new approaches;
- Develop the KM3NeT/ORCA deep learning workflow based on the best practices discussed in the working group;
- Bring in the deep learning workflow of KM3NeT/ORCA.

## ● Task 3.5 - RIAD

- Collaboration in defining the base model of the OSSR and its implementation.
- Co-operating with LAPP to design and implement the OSSR.



# FAU Contributions – from D3.1

De-liverable Number	Description (type)	Task	Lead participant	Estimated Date
D 3.1	Detailed project plan for WP3 (R)	3.1	FAU	M09
D 3.2	Software and service list and integration plan (R)	3.2, 3.3	FAU	M12
D 3.3	Conceptual design report on the software and service repository, demonstrator (R, DEM)	3.5	CNRS-LAPP	M18
D 3.4	Establishing of innovation competence group (all hands meeting) (OTHER)	3.4	EGO	M18
D 3.5	Thematic training event - first school for software development and deployment in the EOSC (OTHER).	3.1	CNRS-LAPP	M20
D 3.6	Mid-term technology WP3 project progress report (R)	3.1-5	FAU	M24
D 3.7	License and provenance model for the software and service repository (R)	3.5	CNRS-LAPP	M24
D 3.8	Thematic training event - second school for software development and deployment in the EOSC (OTHER)	3.1	CNRS-LAPP	M36

+ [OSSR White Paper](#)

