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WP6: KM3NeT in the science global context



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Summary

Work package number	6	Start Date or Starting Event					Month 3
Work package title	KM3NeT in the global science context						
Participant number	1	2	3	4	5	6	
Short name of participant	FOM	CNRS	FAU	UVEG	INFN	NCSR-D	
Person/months per participant:	-	-	14	35	4	-	
Start month	1			End month		36	

Objectives

The science objectives of KM3NeT are linked to a variety of different fields of expertise which in turn are represented by different science communities, each with their individual tools, procedures, communication and dissemination channels, and research cultures. Major examples are astrophysics, particle physics, and marine sciences. Even smaller subfields, however, tend to develop their peculiarities. Examples are atmospheric neutrino simulation and modelling, experimental neutrino oscillation studies, dark matter searches, or theoretical high-energy astrophysics. The objective of this WP is to establish a sustainable cooperation of KM3NeT with these communities and thus to make available to KM3NeT their respective expertise and tools, as well as to disseminate KM3NeT data and measurement opportunities to them.

Tasks

- 6.1: Institutionalising scientific cooperation with other science communities (months 3-24)
- 6.2 Establishing a scientific exchange program for KM3NeT (months 3-30)
- 6.3 Exploring physics new physics opportunities for KM3NeT (months 13-36)

Deliverables and milestones

D.6.1	Six working group meetings organised and held (months 3–24);	6	UVEG	R	PU	24
D.6.2	Report on expert groups established, meetings held and agreements in preparation (month 24);	6	UVEG	R	PU	24
D.6.3	Report on implementation of sustainable cooperation with other science communities (month 36);	6	UVEG	R	PU	36
D.6.4	Report on legal framework, advertisement and selection procedures (month 18);	6	UVEG	R	PU	18
D.6.5	Establishing selection committee (month 18);	6	UVEG	R	PU	18
D.6.6	Report on pilot exchanges (month 30);	6	UVEG	R	PU	30
D.6.7	Report on the results with data of Phase 1 and sensitivity of Phase 2 for dark matter studies (month 36);	6	UVEG	R	PU	36
M.7	Establish cooperation of KM3NeT with other scientific communities	6	36	Successful deliverance of report focusing in sustainable cooperation with other scientific communities		