



EU grant n.822070

Jennifer2 Computing Workshop - Task 5.1

CERN 12 December 2019

Jennifer2 (Japan and Europe Network for Neutrino and Intensity Frontier Experimental Research)

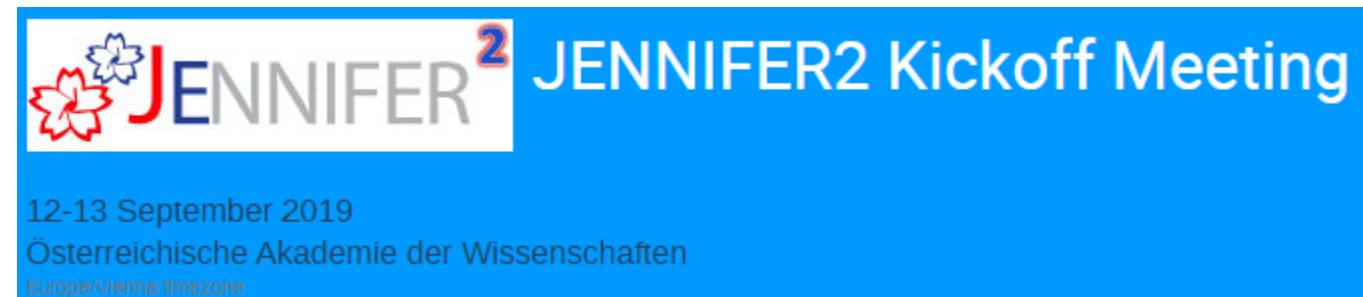
European Project :

H2020-EU.1.3.3. - Stimulating innovation by means of cross-fertilisation of knowledge

Topic(s) MSCA-RISE-2018 - Research and Innovation Staff Exchange

“ The JENNIFER2 project aims to produce synergy and knowledge sharing among experimental particle physics groups searching for signal of new physics in neutrino and flavour physics, exploiting the discovery potentialities of experimental facilities located in Japan. “

Time scale: 2019-2023



WP5 Computing and common techniques.

- Task 5.1: Common Computing and data handling
- Task 5.2: Common DAQ and remote controls issues
- Task 5.3: Statistical methods for analysis combination
- Task 5.4: Generators and phenomenology

5.1 Deliverable: “Common Cloud Computing Demonstrator”

Task 5.1: Computing and data handling for Belle II and HyperK [INFN, DESY, JSI, CNRS, KCL, KEK]

Total number of Person Months allocated = 16

To study a set of common tools for the computing model of Belle2-T2K-HK experiments, which users from Japanese and European Research centres can use in a transparent way. The activity will focus on the following technologies:

- a) Computing: Workload Management System based of DIRAC Framework; Data distribution software like CVMFS and Technologies to use Grid and Cloud Resources.
- b) Storage: Data Access protocol (Grid and Cloud) and Data Transfer system FTS.
- c) Software: Tools for software development and versioning.
- d) Network: Common tools for Network Monitoring

Key people involved: S.Pardi (INFN), M.Bracko (JSI), T.Kuhr (DESY), S.King (KCL)



Task 5.1 Workshop – 12 December 2019 at CERN

11:00	→ 11:10	Welcome
11:10	→ 11:30	Belle II Computing Model - Tools Speaker: Marko Bracko
11:30	→ 11:50	T2K - HK Computing Model - Tools Speaker: Sophie King
11:50	→ 12:10	Data Analysis Tools in Belle II Speaker: Thomas Kuhr
12:10	→ 12:30	ND280 software - emulating CMT with CMAKE Speaker: Dr Alex Finch
12:30	→ 12:50	Containerizing ND280 software Speaker: Dr Mathieu Gulge
12:50	→ 14:00	Lunch
14:00	→ 14:20	DIRAC Introduction Speaker: Dr Federico Stagni
14:20	→ 14:40	Cloud Technologies for DIRAC Speaker: Silvio Pardi (NA)
14:40	→ 15:00	Dynamic On Demand Analysis Service: DODAS Speaker: Daniele Spiga (PG)
15:00	→ 17:00	Working Session Requirements for Task 5.1 Deliverable (due at month 36) State of the art Plans

AGENDA <https://agenda.infn.it/event/20616/>

