

Hadron Physics Horizon

beyond Sapore Gravis:

HICHEF

Synopsis

- Sapore Gravis is a networking activity of the HadronPhysics3 (HP3) project, financed by the 7th EU framework programme
 - three kind of activities (or “work packages”, WP) : networking, joint research and transnational access
- Last year, the management board of HP3 launched an *internal call* to prepare the next project, namely HadronPhysicsHorizon (HPH), intended for the Horizon2020 framework programme
 - The networking with title “Study of heavy ion collisions with heavy flavours: the dawn of the precision era (**HICHEF**)” has been included in the submitted HPH project
 - Prof. Ulrich Wiedner (Bochum) is the coordinator of HPH

Status

- First version of the HICHEF networking proposal submitted on the 1st of March 2014
- Kick-off meeting in Bochum on 25-27 March 2014
 - proposal well received (encouraged to go on)
- Revised version submitted on the 15th of April
- Final version, reshuffled to match the Horizon2020 template, submitted on May the 29th
- Full HPH project submitted on the 1th of September
 - U. Wiedner: “we can expect to hear back from the EC in January/February”

HPH project

- Title: “A horizon for hadron physics: mastering challenges in a globalized world”
- Acronym: HadronPhysicsHorizon
- Joint research activities (12):
 - HIPER-CARDS, JAM, CryPTA, CryoJet, NOVITEC, PolAntiP, EDM, NextDIS, SiPM2020, MDE, NextCalor, DIADEM
- Networking activities (10):
 - TheNet, IMPACTS, FAIRnet, IDHEFIX, TMD-neXt, HS-HPH, Thinco, HICHEF, HPrecisionNet, LatticeHadrons
- Transnational access (6)
 - MAMI, COSY, ECT*, DAΦNE, GSI, ELSA,

HICHEF

- Participants: INFN(BA,CT,PD,TO), GSI, GUF, UHEI, CNRS/IN2P3(Palaiseau, Clermont Ferrand, Nantes, Orsay, Strasbourg), USC, UTU, UBE, STFC
 - Receiving funds directly: INFN, GSI, USC, CNRS
- External members: CERN, BNL, Texas A&M Uni., Tsinghua Uni., Durham Uni., Iowa State Uni., Central China Normal Uni.

Work package number	9											
Work package title	NA8-Study of heavy ion collisions with heavy flavours: the dawn of the precision era (HICHEF)											
TASKS/Subtasks	2015				2016				2017			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1. Heavy flavoured probes of the qgp at LHC												
1.1 Preparation for Run-2												
1.2 Analysis of data in pp collisions												
1.3 Analysis of nucleus-nucleus collisions												
1.4 Development of the theory database					2							
2. Meetings, Workshops and School												
2.1 Kick-off meeting	1											
2.2 Workshops						3						3

Relevant documents:

- HICHEF Presentation at the Bochum kick-off meeting
- First proposal of HICHEF networking
- Second proposal of HICHEF networking
- documents available from:
<https://www.dropbox.com/sh/fwcfzj52tkvu7b6/AAAvHOPLjL9zSConF03VkQgwa?dl=0>

hope we will meet for another exciting
workshop in about one year and half

