### AIME: ACADEMIA-INDUSTRY MATCHING EVENT



CERN

E Gazis/NTl

12/2 - 3/2

Science & Technology Facilities Council



# **Organizing Committee**

#### **International Committee**

#### Local Committee

Evangelos Gazis, NTUA/ Detectors/co-Chair Eugenia Hatziangeli, CERN/Accelerators/Co-Chair Jean-Marie LeGoff, CERN/HEPTech/Accelerators/co-Chair Giovanni Anelli, CERN-KT/HEPTech

Stephan Aune, CEA/Detectors Antonio Gomes de Valladares Pacheco, CERN/HEPTech

Venetios Polychronakos, BNL/Detectors Dorothee-Maria Rück, GSI/Accelerators Hermann Schmickler, CERN/Accelerators Ian Tracey, STFC/HEPTech

Nick Ziogas, CERN-KT

Theodoros Alexopoulos, NTUA/Detectors Theodoros Apostolopoulos, AUEB/Informatics for E&B Michele Barone, Demokritos/ILO Greek Industry Anastassios Charitonidis, NTUA Sotiris Harissopoulos, Demokritos/Accelerators Katerina Pramatari, AUEB/Informatics for F&B Eustathios Stiliaris, UoA-**IASA/Accelerators** Georgia Skoulaki, NTUA, Administrative



# Responsibilities

- 1. Logistics
- 2. Industry Contacts
- 3. Accelerators
- 4. Detectors
- 5. Market & Business
- 6. Outreach/Greek Industries

DEMO,NTUA, AUEB, CERN CEA, GSI, CERN, NTUA CERN, GSI, IASA CERN, CEA BNL AUEB, GSI?, CERN NTUA, DEMO, CERN



# Subject for Presentation I

- 1. The presentations by the research-academic side and by the industrial side, should focus on **certain few innovative cases related** with possible industrial/commercial applications, coming from the R&D of the accelerator and detector controls, **beam instrumentation & RF**.
- 2. Those innovative cases to be presented should either be *products of the current research to find solutions for the problems appeared in the i.e. CERN full accelerator system and the large LHC experiments* (last 5 years work), OR *future proposals for the problems to be faced during the upgrading of LHC and the LHC experiments* (next 5 years expectations), PLUS other accelerators or experiments.
- 3. [The **radiation hardness** of the electronics for the controls is a major matter to be discussed and presented]???. It should not be included.
- 4. The organizing committee should define for time-depth (5 years, more?), in the past should be included the innovative cases for presentation.



## GOALS

- 1. How to implement controls initiatives in the industry
- 2. How the industries can participate to the next HEP projects
- 3. How MS can participate in-kind via the academia-industry cooperation in the future projects
- 4. What is the economic impact from the academia-industry cooperation on the certain domain



## **MONDAY 2 DECEMBER 2013**

Registration & Set-up, Coffee: (09:30-10:30)

Welcome Address, by FA HEAD, Demokritos Director (10:30-11:00)

#### A. Beam Instrumentation &RF (11:00-12:45)

Proton/HI Accelerators, 20' Instrustrial talk, 15' Electron/Positron Accelerators, 20' Industrial talk, 15' RF Technology, 20' Industrial talk, 15' Welcome Reception/Industry Stands Visit: (12:45-14:50)

#### **B.** Controls for Accelerators (14:50-15:30)

CERN-BE-CO, 20' Industrial talk, 15' GSI-FAIR, 20'

Industrial talk, 15'

Coffee Break, 30' (15:00-15:30)



## **MONDAY 2 DECEMBER 2013**

#### B. Controls for Accelerators (14:50-17:35)

CERN, 20'Evangelia Gousiou BE-CO Industrial talk, 15' GSI-FAIR, 20' Industrial talk, 15'

Coffee Break, 30' (15:00-15:30)

ESS, 20'

DESY-XFEL, 20'

Industrial talk, 15'

ELI, 20'

#### C. Medical Accelerators & Detector for Medicine (17:35-18:25)

Proton Therapy facility, 25' Medipix for PET, 25'

#### D. CERN DG R. Heuer (19:00-19:40): CERN ACHIEVEMENTS & FUTURE PLANS



### **TUESDAY 3 DECEMBER 2013**

#### E. Detector Control Systems - DCS (09:00-11:00)

The ATLAS,CMS,ALICE,LHC\_B DCS, 30' FAIR/EXPERIMENTS, 20' Industrial talk, 15' NEUTRON-N-TOF, 20' CLIC-DETECTOR, 20' XFEL\_PHOTON Detectors,20' Industrial talk, 15'

#### Coffee Break, 30' (11:00-11:30)

## F. Future Plans for Beam Instrumentation & Controls for Accelerators - Detectors at CERN (11:30-14:00)

Accelerators, 30'	H. Schmickler	
Detectors, 30'	L. Linssen	
	Lunch, 1h15:	(12:30-13:15)

Open hardware, 30'

Industrial partner, 15'

#### G. Economic Impact of the Academia-Industry Synergy (14:00-14:30)

1 talk, 30"



## Venue

### NCSR "Demokritos"

### Amphitheatre + foyer for stands

President Hotel,43, Kifissias Avenue (7km from Demokritos)Guest Room SingleEuro95.00 with breakfast (not confirmed)Guest Room DoubleEuro105.00 with breakfast (not confirmed)

- 1. The Organizing Committee (MIchele-Evangelos) will take care for the transportation of the participants with BUS from/to Hotel-Demokritos, Demokritos-Restaurant for Dinner-Hotel, for 2 and 3 Dec.
- 2. Organizing Committee (MIchele-Evangelos) will take care for the coffee breaks and light lunches in the Demokritos Amphitheatre lobby.



## Excursion

