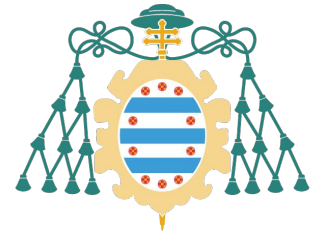
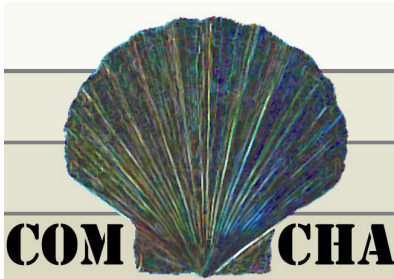


# Comcha Meeting News

Isidro González



Universidad de Oviedo  
*Universidá d'Uviéu*  
*University of Oviedo*

# Meetings

[Past]

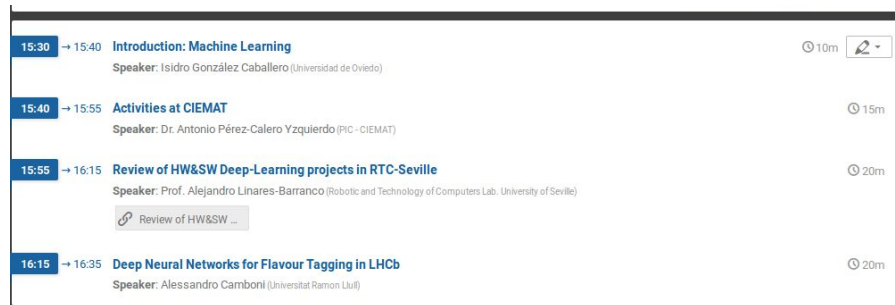
“*Devirtualization*” gathering during CPAN meeting

- About 20 people in same room
- Constructive face to face discussion
- Good way of presenting the different views and interests

→ Details by [Arantza](#), [Xavi](#)

[Today]

Meeting focused on Machine Learning



15:30	→ 15:40	<b>Introduction: Machine Learning</b> Speaker: Isidro González Caballero (Universidad de Oviedo)	🕒 10m	🔗
15:40	→ 15:55	<b>Activities at CIEMAT</b> Speaker: Dr. Antonio Pérez-Calero Yzquierdo (PIC-CIEMAT)	🕒 15m	
15:55	→ 16:15	<b>Review of HW&amp;SW Deep-Learning projects in RTC-Seville</b> Speaker: Prof. Alejandro Linares-Barranco (Robotic and Technology of Computers Lab, University of Seville) <a href="#">Review of HW&amp;SW ...</a>	🕒 20m	
16:15	→ 16:35	<b>Deep Neural Networks for Flavour Tagging in LHCB</b> Speaker: Alessandro Camboni (Universitat Ramon Llull)	🕒 20m	

[Future]

Next meeting foreseen for 17/01/2019

# Questionnaire

You should have received a request to **fill a questionnaire** on your situation, interests and possible level of resources,... related to COMCHA activities.

Please take a couple of minutes to fill it!

It will give us an idea of the size and possibilities of our community

## COMCHA questionnaire

COMCHA: Computing Challenges for the HL-LHC, Spain.  
This is a common effort among Spanish groups participating in LHC experiments to deal with the problem of particle reconstruction in high density environments during the High Luminosity era. New computing models are explored, including software and hardware technologies. This collaboration is under the Hep Software Foundation.

Please, take a few minutes to fill out the form below.

**\*Obligatorio**

**Name \***

Tu respuesta \_\_\_\_\_

**Position**

PhD student

Postdoc

Senior

Engineer

Otro: \_\_\_\_\_

**Institution**

Tu respuesta \_\_\_\_\_

**Interested in**

Reconstruction algorithms

Hardware architectures

Machine Learning

Otro: \_\_\_\_\_

**Experiment**

ATLAS

CMS

LHCb

Otro: \_\_\_\_\_

**Expected time of dedication to COMCHA**

> 50%

25%

10%

Otro: \_\_\_\_\_

**Resources and infrastructures**

Having access to:

CPUs

GPUs

FPGAs

Otro: \_\_\_\_\_

**Are you interested to attend training activities?**  
In order to organize schools and other training events

Yes

No

**Additional information**  
Please, add details on your experience or any other thing you consider relevant.

Tu respuesta \_\_\_\_\_

**ENVIAR**

# More news

- Other events:
  - [06/02/2019] Course “How to do ultrafast Deep Neural Network inference on FPGAs” by U. Zürich - <https://indico.cern.ch/e/FPGA4HEP>
  - [11/03/2019] - *Advanced Computing and Analysis Techniques in Physics Research 2019* - Sas Fee, Switzerland, **Deadline: 20/11/2018** - <https://indico.cern.ch/event/708041/>
  - [02/04/2019] *Connecting the Dots/Intelligent Trackers 2019* - IFIC - **Deadline 18/11/2018** - <https://indico.cern.ch/event/742793/>
  - [29/05/2019] “**COMCHA School**” is foreseen in **Barcelona**
    - From Machine Learning to FPGA/GPU/Parallel programming
    - Final programme depends on the interest shown in the questionnaire → So fill it ;-)
- There was a **LHC Computing Spain Meeting** today  
→ Details by **Pepe Salt**
- As usual, if you have suggestions on improvements, ideas on sources of funding, find related meetings or initiatives, or know other people/institutions interested please contact us (Arantza).