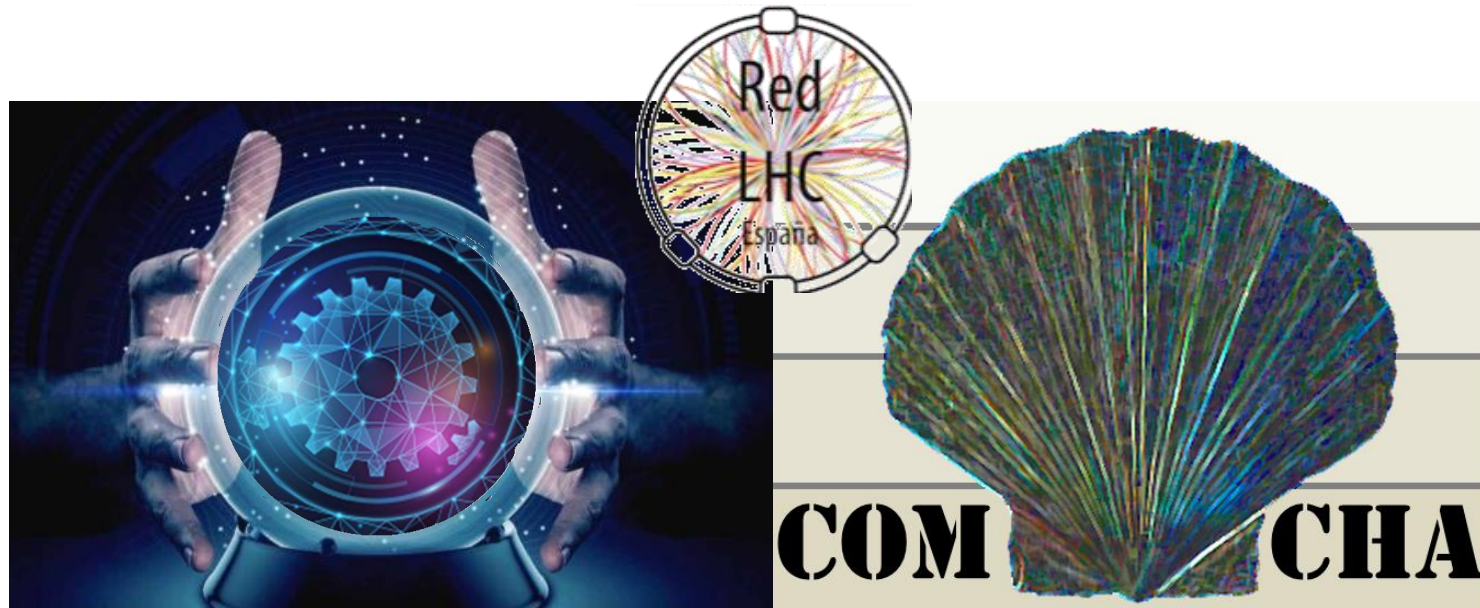


The future of COMCHA ?

I Workshop de Computing y Software de la Red Española de LHC

28th April 2021



<https://twiki.ific.uv.es/twiki/bin/view/Main/ComCha>

The achievements of COMCHA

- We have created a forum of discussions, with very interesting meetings and talks.
- comcha@pegaso.ific.uv distribution lists for communication (announcement of workshops, conferences and other info of interest)

Computing Challenges meeting (COMCHA)

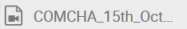
📅 jueves 15 oct. 2020 15:00 → 17:00 Europe/Madrid

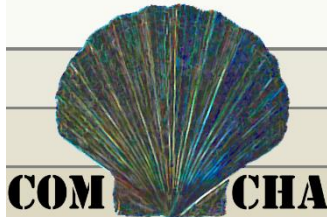
📍 Vidyo

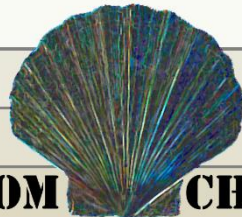
Descripción *Subject of the day: **Heterogeneous architectures***

[Zoom to COMCHA](#)

Recorded session

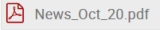
📎 



COM  **CHA**

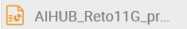
5:00 → 15:05 **COMCHA: News & Introduction** ⌚ 5m

Ponentes: Arantza Oyanguren (IFIC-Valencia), Luca Fiorini (IFIC / U. Valencia)



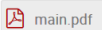
5:05 → 15:25 **Low-Power Sustainable Hardware for AI (AIHUB-CSIC)** ⌚ 20m

Ponente: Teresa Serrano (IMSE-CNM, Sevilla)



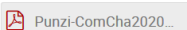
5:30 → 16:00 **The LHCb HLT1 trigger on GPUs (Allen)** ⌚ 30m

Ponente: Daniel Campora (CERN)



6:05 → 16:25 **Tracking reconstruction in HEP on FPGAs** ⌚ 20m

Ponentes: Giovanni Punzi (Universita & INFN Pisa (IT)), Giovanni Punzi (INFN-Pisa)



<https://twiki.ific.uv.es/twiki/bin/view/Main/ComCha>

The achievements of COMCHA

- We have identified (part of) the Spanish community interested and join them
- We are a interdisciplinary and transversal network → applied for a NETWORK call (very good evaluation but not funded : (
- Groups working on collider physics, operations and computing (9), neutrino and astroparticle (1), nuclear (1), cosmology (1), medical physics (1), applied physics (1).
- Topics of interest of COMCHA are tackled and have application also in other areas of knowledge: need communication
- Important also for communication with industry



The achievements of COMCHA

1st COMCHA School

3-9 octubre 2019
Europe/Madrid timezone

<https://indico.ific.uv.es/event/3825/>

- Vista general
- Cronograma
- Lista de Contribuciones
- Inscripción
- Lista de participantes

This is t
Artificial
talks exp
computi

The parti

Carrer de
08022 Ba

Aftwards

Carrer de
08022 Barcelona

The School has a f
or in cash at the ver.

Local Organizers:

- Xavier Vilasis C
- Deborah Domèn
- Alessandro Camb
- Virginia Jimenez P



ctures on
so includes
the

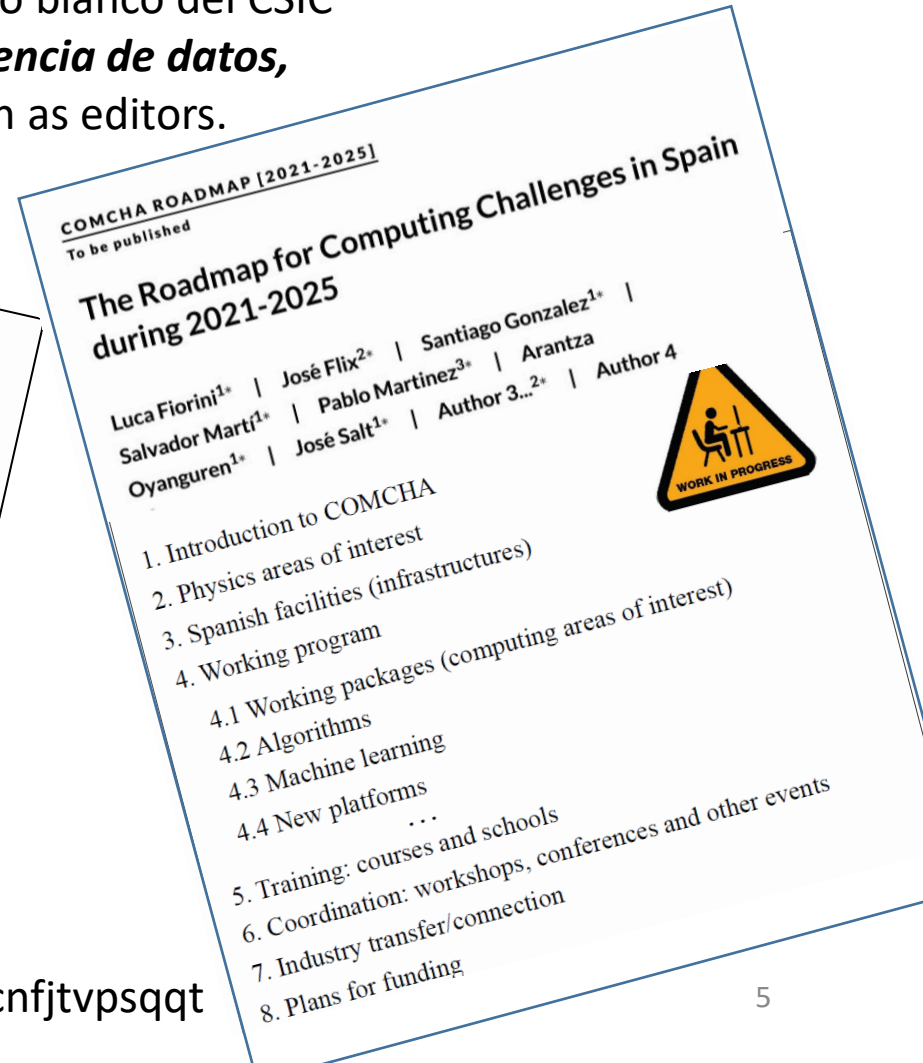
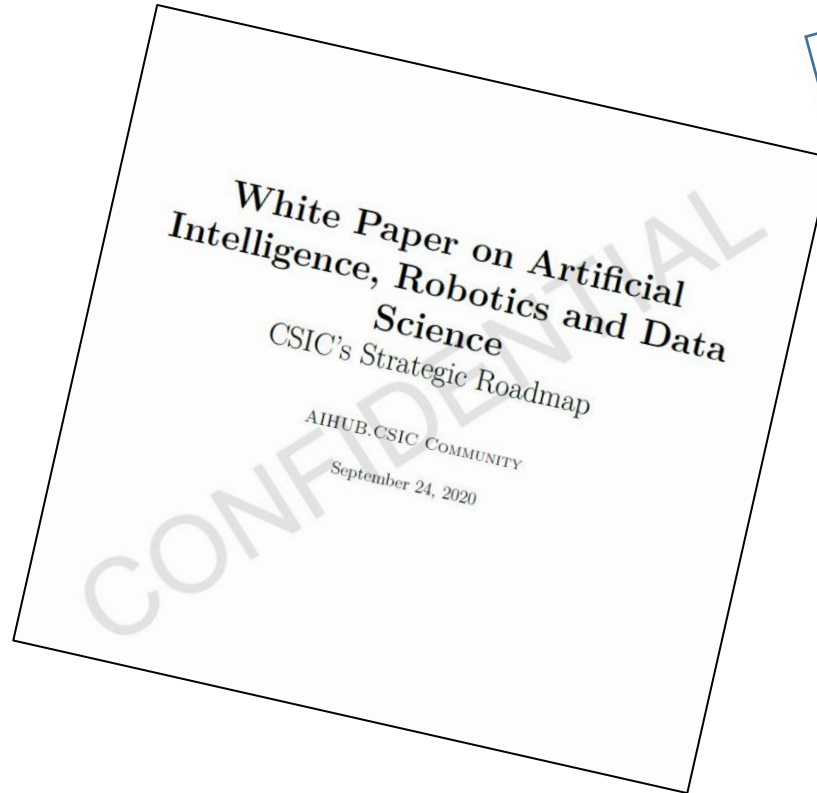


<https://www.salleurl.edu/en/la-salle-url-and-ific-organise-comcha-first-school-computing-challenges-high-energy-physics>

The achievements of COMCHA

- Framework and structure created
- Editors and reviewers agreed
- It was planned 2-3 days of intensive work together in a nice beach somewhere... (postponed by the COVID-19)
- Interference with the edition of the Libro blanco del CSIC

T11. Inteligencia artificial, robótica y ciencia de datos,
where we had an important contribution as editors.



The future of COMCHA ?



It depends on you !

- 2n COMCHA School, IFIC, October 2021 (on site). In preparation.
- Continue meetings, and contributions in workshops and conferences
- Apply for funding (KEY point)
- We need a map of objectives from the groups
- Work on the COMCHA roadmap
- Promote the use of infrastructures (ex: ARTEMISA @ IFIC)
- Increase our international visibility