

- ✓ Can CPU and GPU run in **parallel**?
- ✓ Are GPUs ready for **real-time** applications?
- ✓ GPU vs. CPU computing : any **performance** gain?

- ✓ What's a **3D camera**? How does it work?
- ✓ Will your car **see** better than you?
- ✓ Does an **optical illusion** trick a computer?
- ✓ Isn't **computer vision** just image processing?

- ✓ Is **testing** different for deployment and operation?
- ✓ What testing **tool** are available at each phase?

- ✓ Why different **Grid interpretation** by LHC experiments?
- ✓ Will the Grid **evolve** and if so how?

6th *iCSC*

CERN School of Computing

inverted CSC-2013

"Where students turn into teachers"

All the answers at iCSC

25-26 February 2013, CERN*



- ▶ **GPU Computing in HEP**
- ▶ **Computer Vision**
- ▶ **Testing for large scale systems**
- ▶ **Grid interpretations by LHC experiments**

Lecturers

All former CSC2012 students

Samuele Carli	CERN
Mattia Cinquilli	CERN
Martin Hellmich	CERN
Felice Pantaleo	CERN
Ramon Medrano Llamas	CERN