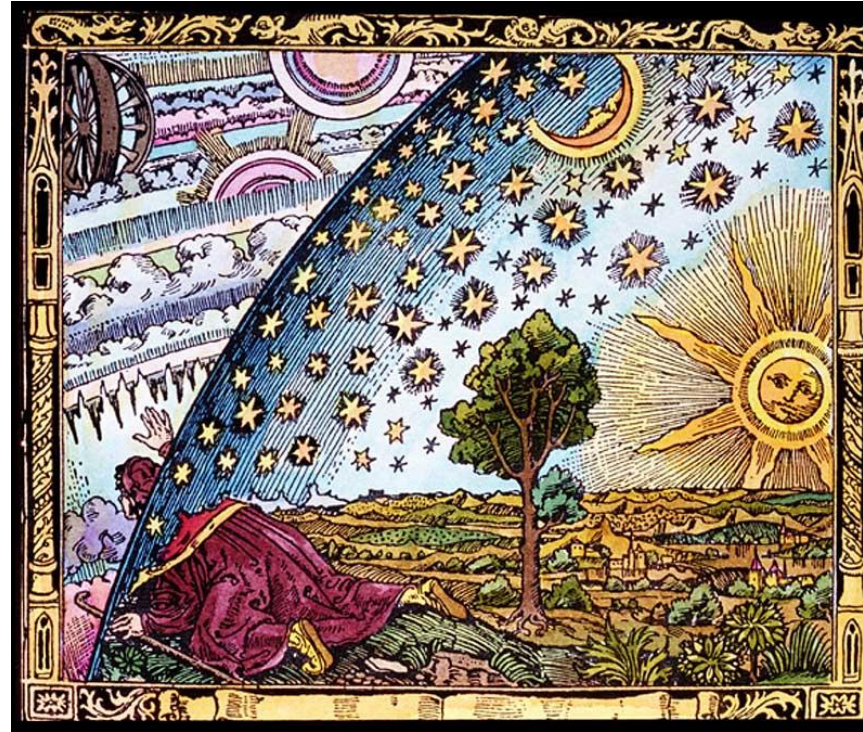




# Dissemination and outreach activities

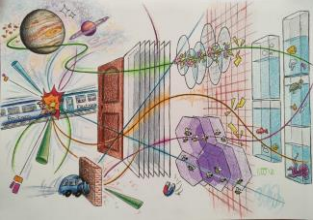
**DRD3**



**N. Cartiglia**

INFN

on behalf of the DRD3 proposal writing team

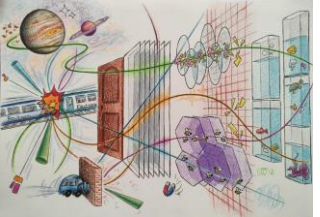


# Activities included in this work package

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**DRD3**

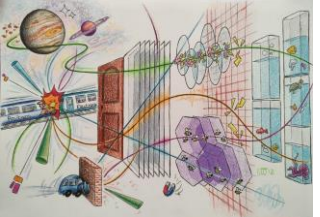
- **Disseminating knowledge on solid-state detectors:**
  - for people working in the field (training, lectures, mobility)
  - for people not working in the field (high-school students,..)
- **Dissemination of the activities of DRD3:**
  - DRD3 Website
  - Publications
  - Conference participation



# Community interests

**35 institutes expressed interest in contributing to the outreach activities.**

Activity	# groups
Host students and post-docs, summer students for training in lab activities	10
Offer TCAD training	8
Offer FPGA or GEANT4 training	3
Maintain the DRD3 web site	3
Increase public interest/high school seminar	3
Hands-on section for high school student	3
Develop mobility schemes, training and links with other fields	2
Help with DRD3 coll. meeting	2
Explore contact with industry	2
Organization of outreach events	2



# Disseminating knowledge on solid-state detectors

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**DRD3**

## **Organize DRD3 schools for young post-doc and Ph.D. in:**

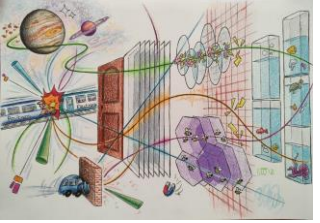
- TCAD, FPGA, GEANT
- Laboratory measurements

## **Stages for undergraduate students**

- Exchange programs between labs
- Not all students have access to equipped laboratories
  - It would be nice to offer financial support

## **Participation to instrumentation schools**

- In specific locations (CERN, FNAL...)
- On specific topics (Allpix2, SIMDET,...)



# Disseminating knowledge on solid-state detectors

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**DRD3**

## **Share knowledge of measurement techniques**

- Device characterizations, such as IV, CV
- Transient studies using TCT, beta telescopes
- Handling and measurements of irradiated sensors

## **Activities with local high-schools**

- Collect information from institutes already doing it
- Propose a list of possible activities

**Note: a lot of the work is already done; we need to collect it and make it available**





# Addition 22/03

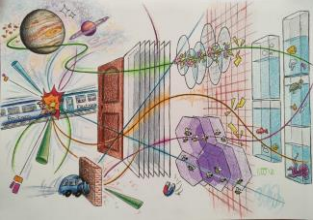
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**DRD3**

During the meeting yesterday, the request from a few “young groups” to receive training from more established groups came into focus.

The idea is that this training should be “centrally organized”.

It might be an interesting way to train the next generation



# Dissemination of the DRD3 activities

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**DRD3**

## **Organize the DRD3 website**

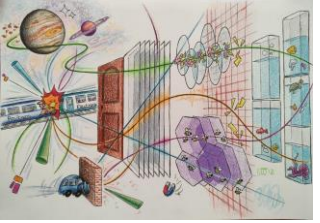
- Point of entry to DRD3
- Link to results, meeting, etc
- Opportunities: conferences, stages
- Documentation (how to do XYZ...)

## **Present DRD3 work at conferences**

- Opportunity for young researchers
- DRD3 activities documented in printed papers

## **Acknowledge DRD3 when appropriate**

- Papers should mention the DRD3 contribution



# Next steps

DRD3

Need to identify interested teams to contribute to the document write-up

