

# Table of Contents

vi dyo.....	1
<b>Action Items:.....</b>	<b>2</b>
<b>News:.....</b>	<b>3</b>
<b>Framework e produzione.....</b>	<b>4</b>
<b>Attivita' di analisi.....</b>	<b>4</b>
B physics.....	4
Dark Matter.....	4
Di bosoni, VZ risonante ( $V=W,Z$ ).....	4
hh4b non risonante.....	4
Same sign leptons.....	4
Seesaw a 13 TeV.....	5
<b>EPR.....</b>	<b>5</b>
Isolamento muoni.....	5
Flavor tagging.....	6
<b>Trigger.....</b>	<b>7</b>
<b>Detector.....</b>	<b>8</b>
<b>A. O. B. :</b>	

## **Act i on I t ems:**

## **News:**

soos a meeting for discuss the future startegy of the group

## Framework e produzione

Marco : cluster spark with 6 virtual machines with CMS interface and all the software needed for Deep Machine Learning (use SPARK analysis frame). Jim Pivarsky will be allowed to work on this cluster , so we will have support for free in our cluster.

# Attività di analisi

## Physics

Stefano : I will report at EPS. Long discussion at Shanghai (LHCP) on our result. The rapporteur was not able to answer some critical questions. Paper is almost published, now in the hands of the language editor.

## Dark Matter

Marco : no news.

## Di bosoni , VZ risonante (V=WZ)

Lisa : preapproved, no severe issues found. In ARC review, time for EPS short. Few comments already from the ARC chair, Salvatore.

## hh4b non risonante

Martino: I will report at EPS. Struggling to be approved in due time. We had a contact de visu with Andre' David, but we will have to make another preapproval talk. ARC ready (Rizzi is chair) they will start to work as soon as the analysis is preapproved. We are doing a study for the tracker TDR as requested by the Phase2 conveners, Menaski and Pat. Pat : we want to show the potential of the new tracker for this analysis. The progress mainly lies in the barrel, it would be nice to show that we are able to perform this analysis with 200 Pileup. This is the only analysis with b-tagging in the final state.

## Same sign leptons

no news

## Seesaw a 13 TeV

no news

# **EPR**

Lisa : 2 EPR as B2G contact.

**I solament o muoni**

**Flavor tagging**

# Tr i gger

no news

## Detector

Marco : spare MB2 now with gas and under voltage. The chamber works well, some cosmic data have been taken. It will go in series with the tubes at the GIF. We are using the LNL crate at the GIF, so the same DAQ as for the MB1 is used. People are happy. Anna : bicells irradiated at the GIF++ are back in LNL. Franco will repeat the measurements of the chambers performances after irradiation at LNL. Afterwards the bicells will be open for inspection with an electronic microscope. Paolo C: an american is the most likely chief of the institution board. Other italian institutions interested in the project.

## A. Q. B. :

Paolo Lujan has also a talk in EPS. Lisa is still on stand by, with other seven competitors for a diboson talk.

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This topic: `Main > CMSPDAnalysis23052017`

Topic revision: `r1 - 2017-05-23 - FrancoSimnetto`



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