

# **R3B Collaboration Meeting**

Monday 08 December 2014 - Friday 12 December 2014

Institut Henri Poincaré

## **Book of Abstracts**



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## Welcome

Recent results and on-going analysis / 2

### The dipole response of $^{132}\text{Sn}$ - present status

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The last steps of the analysis will be discussed.

WG7 - Si tracker / 4

### In-beam and lab tests

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### Electronics and DAQ overview

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### Mechanics overview

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### Tracking overview

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### Fibers detectors

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### Si detectors

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## **TOF13 detector**

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## **TOF13 simulations**

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## **Straw-tube detectors**

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## **Gaseous position detectors**

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## **MUSIC-type chambers for high-Z identification within R3B**

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## **The fission of actinides within the 1st SOFIA experiment**

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## **First glance at the 2014 fission run**

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## **Fission of neutron-deficient pre-actinides**

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## **Partition of excitation energy in fission through neutron tagging**

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## **Infrastructure**

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## **Integration of the Active Target with CALIFA**

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## **Recent results for (p,pN) within a Single Core State reaction framework**

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**WG12 - DAQ / 24**

## **DAQ developments: The 2014 experimental campaign**

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## **Status of the TDR**

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## **The VMElib**

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## **NUSTAR Daq & computing: additional requirements**

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## Open discussion: further steps

WG10 - Neuland / 29

## NeuLAND 2014 – Overview

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## S438 Experiments

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## Experimental campaign at RIKEN

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## NeuLAND HV System from PNPI

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## Status of GLAD production (+ movie!)

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## Status of the cradle for the baby

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## CALIFA overview

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## **iPhos method for high-energy protons**

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## **Poswich method**

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## **Distributed LED calibration system for CALIFA**

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## **Pulser test system for CALIFA**

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## **CALIFA features from GSI experiments**

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## **Endcap simulation gamma response**

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## **Full trigger scheme for CALIFA**

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## **Measurement of (g,n) rates of light neutron-rich nuclei for the r-process nucleosynthesis**

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**"D0" Experiments / 45**

**Experiment concepts with the active target**

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