

**Bulletin #1**

December 17<sup>th</sup>, 2009

**GLA2010****1<sup>st</sup> International Workshop towards the Giant  
Liquid Argon Charge Imaging Experiment**

The **1<sup>st</sup> International Workshop towards the Giant Liquid Argon Charge Imaging Experiment** jointly organized by KEK and ETHZ will be held in Tsukuba, Japan from March 28<sup>th</sup> to 31<sup>st</sup>, 2010. This workshop is supported by JSPS Invitation Training Program for Advanced Japanese Research Institutes.

**Purpose of the workshop**

The aim of the workshop is to bring together researchers having common interest in realizing a giant neutrino observatory based on the liquid Argon time projection chamber technology combining next-generation searches for proton decay and neutrino physics with natural and artificial sources. The workshop aims at fostering collaboration on medium and long term projects among interested researchers. Reviews of the current efforts taking place worldwide towards building large liquid Argon detectors will be presented.

**Workshop venue**

The 1st workshop will take place at KEK, Tsukuba.

## Schedule

- Sunday March 28<sup>th</sup> Evening  
Reception at hotel
- Monday March 29<sup>th</sup>  
Sessions at KEK
- Tuesday March 30<sup>th</sup>  
Sessions at KEK  
Trip to J-PARC (Main Ring and Neutrino Beam Facility)  
Workshop dinner
- Wednesday March 31<sup>st</sup> Morning  
Sessions at KEK

## Agenda

The workshop will comprise the following sessions:

- Main goals of Giant Liquid Argon Charge Imaging Experiment
- Next generation neutrino beams and localization studies
- Lessons on Liquid Argon Charge Imaging technology from ongoing projects
- Ways to improve the Liquid Argon Charge Imaging technology
- Studies on physics performance and event reconstruction
- Future steps towards the realization of a Giant Liquid Argon Charge Imaging Detector

## Abstract submission

Abstract submission is now open at the workshop web site <http://neutrino.kek.jp/GLA2010>.

**Abstract submission deadline is February 1<sup>st</sup>, 2010.**

## Proceedings

The workshop proceedings will be published.

## Registration

Registration page will open soon.

## Accommodation

Accommodation page will open soon.

## Organizing committee

Alessandro Curioni (ETH Zurich)  
Takuya Hasegawa (KEK)  
Sosuke Horikawa (ETH Zurich)  
Takashi Kobayashi (KEK)  
Alberto Marchionni (ETH Zurich)  
Takasumi Maruyama (KEK)  
André Rubbia (ETH Zurich)  
Masashi Tanaka (KEK)

For further information, please visit the GLA2010 workshop web site  
<http://neutrino.kek.jp/GLA2010> or contact workshop secretariat:  
[GLA2010@neutrino.kek.jp](mailto:GLA2010@neutrino.kek.jp) .