



1ST JOINT WORKSHOP IGFAE/LIP

IN HIGH-ENERGY PHYSICS

Braga, PORTUGAL

MAY 04th



Universidade de Minho

Welcome to Braga!

- The aim of the joint Workshop LIP / IGFAE is to consolidate the long tradition of scientific cooperation between researchers from the two institutes
 - Maybe this is the 1st session of many?
- Wifi available via eduroam
- We have a long agenda - reflecting the many common points to discuss - so let's try to be on time
 - 20' talks = 15' presentation + 5' for discussion
 - 15' talks = 12' presentation + 3' for discussion

Workshop Agenda

- 11:10 → 11:30 **Cosmic ray showers and neutrinos at the Pierre Auger Observatory** ⌚ 20m
Speaker: Enrique Zas
- 11:30 → 11:45 **Radio detection of ultra-high energy cosmic ray and neutrinos** ⌚ 15m
Speaker: Jaime Alvarez-Muniz (IGFAE)
- 11:45 → 12:00 **LATTES: a next generation detector concept for (very)-high-energy gamma-rays** ⌚ 15m
Speaker: Rúben Conceição (LIP)
- 12:00 → 12:20 **Hadronic interactions at the Pierre Auger Observatory** ⌚ 20m
Speaker: Lorenzo Cazon
- 12:20 → 12:32 **MARTA engineering array** ⌚ 12m
Speaker: Pedro Assis
- 12:32 → 12:44 **Water-Cherenkov detector response to atmospheric muons using a RPC hodoscope** ⌚ 12m
Speaker: Raul Sarmento
- 12:44 → 12:59 **Cosmic ray research with Trasgos** ⌚ 15m
Speaker: Juan A. Garzon
- 12:59 → 13:14 **Participation in the HADES experiment** ⌚ 15m
Speaker: Alberto Blanco
- 13:14 → 14:30 **Lunch**

- 14:30 → 14:50 **Nuclear physics with R3B: research and technical challenges** ⌚ 20m
Speaker: Dolores Cortina
- 14:50 → 15:05 **Knock-out reactions on exotic nuclei at relativistic energies** ⌚ 15m
Speaker: Daniel Galaviz
- 15:05 → 15:20 **Simulation and data analysis software for nuclear physics experiment** ⌚ 15m
Speaker: Héctor Alvarez Pol
- 15:20 → 15:35 **Microdosimetry of high-LET particles** ⌚ 15m
Speaker: Jorge Sampaio
- 15:35 → 15:50 **Solid state instrumentation for microdosimetry** ⌚ 15m
Speaker: Juan Prieto-Pena
- 15:50 → 16:10 **Jet Quenching in PbPb Collisions** ⌚ 20m
Speaker: Guilherme Milhano
- 16:10 → 16:30 **Fast non-conformal hydrodynamization of the quark-gluon plasma** ⌚ 20m
Speaker: Maximilian Attems
- 16:30 → 16:45 **Small-x Physics** ⌚ 15m
Speaker: Nestor Armesto (IGFAE)
- 16:45 → 17:15 **Coffee break**
- 17:15 → 17:35 **ATLAS overview** ⌚ 20m
Speaker: Patricia Conde-Muiño
- 17:35 → 17:50 **Search for new interactions in the top quark sector** ⌚ 15m
Speaker: Ana Peixoto
- 17:50 → 18:05 **Search for tH production and measurement of top-Higgs coupling properties**
Speaker: Emanuel Gouveia
- 18:05 → 18:25 **LHCb Highlights** ⌚ 20m
Speaker: Cibrán Santamarina Ríos
- 18:25 → 18:40 **Present and future challenges of the LHCb experiment at CERN** ⌚ 15m
- 18:40 → 19:00 **IGFAE** ⌚ 20m
Speaker: Carlos A. Salgado
- 19:00 → 19:20 **LIP** ⌚ 20m
Speaker: Mário Pimenta

Welcome to Braga!

restaurante
panorâmico
(lunch)



Workshop dinner

restaurante o Victor (S. João de Rei)

- We go together by bus at 19h30 (bus will be just outside the University entry)

