

**Ecole Thématique PhyNuBE :
Première rencontre de
Physique Nucléaire de Basse
Energie 2021**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Breaking of mirror symmetries, 2p clusters in the Ikeda conjecture and possible astrophysical implications

Monday, December 6, 2021 9:00 AM (45 minutes)

Presenter: DE OLIVIERA , Francois (GANIL, Caen)

Session Classification: Structure and dynamic of weakly bound systems

Contribution ID: 2

Type: **not specified**

Study of alpha clusters in KO and transfer experiments

Monday, December 6, 2021 9:45 AM (45 minutes)

Presenter: BEAUMEL, Didier (IJCLab, Orsay)

Session Classification: Structure and dynamic of weakly bound systems

Contribution ID: 3

Type: **not specified**

Alpha clustering and quasi-molecular states at thresholds

Monday, December 6, 2021 10:30 AM (45 minutes)

Presenter: TBD

Session Classification: Structure and dynamic of weakly bound systems

Contribution ID: 4

Type: **not specified**

Communication workshop

Monday, December 6, 2021 3:00 PM (3 hours)

The objective of this workshop goes beyond my thesis in 180 sec!

It will provide the most important skills that are imperative when presenting your work as a young scientist.

In other words, the tips that can help you succeed.

More information/details will be posted later

Presenter: CHEVRIER, Raphael (Caen)

Session Classification: Workshop and PhD/post-docs contributions

Contribution ID: 5

Type: **not specified**

Nuclear rotation at the limit of spin and excitation energy

Tuesday, December 7, 2021 9:00 AM (45 minutes)

Presenter: DE FRANCE, Gilles (GANIL, France)

Session Classification: Nuclear shapes and symmetries at the limit of spin and mass

Contribution ID: 6

Type: **not specified**

Electromagnetic transitions, lifetime measurements and the Plunger technique

Tuesday, December 7, 2021 9:45 AM (45 minutes)

Presenter: LJUNGVALL, Joa (IJCLab, Orsay)

Session Classification: Nuclear shapes and symmetries at the limit of spin and mass

Contribution ID: 7

Type: **not specified**

Symmetry breaking and restoration for the theoretical description of nuclei

Tuesday, December 7, 2021 10:30 AM (1 hour)

Presenter: BENDER, Michael (IP2I, Lyon)

Session Classification: Nuclear shapes and symmetries at the limit of spin and mass

Contribution ID: 8

Type: **not specified**

Introduction to theory and related challenges

Wednesday, December 8, 2021 9:00 AM (1 hour)

Presenter: TICHAI, Alexandre (CEA Saclay)

Session Classification: What are the new frontiers in the microscopic description of nuclei

Contribution ID: 9

Type: **not specified**

Short contributions of PhD students and postdocs

Wednesday, December 8, 2021 10:00 AM (1h 15m)

Presenters: CONTESSI, Lorenzo; SANCHEZ, Mario; LASSERI, Raphael

Session Classification: What are the new frontiers in the microscopic description of nuclei

Contribution ID: **10**

Type: **not specified**

The r-process

Thursday, December 9, 2021 9:00 AM (1h 30m)

Presenter: GORIELY, Stephane (IAA, Brussels)

Session Classification: Understanding astrophysics in the framework of nuclear physics

Contribution ID: 11

Type: **not specified**

Neutron stars observation

Thursday, December 9, 2021 10:30 AM (45 minutes)

Presenter: GUILLOT, Sebastien (IRAP, Toulouse)

Session Classification: Understanding astrophysics in the framework of nuclear physics

Contribution ID: 12

Type: **not specified**

Parallel Computing

Thursday, December 9, 2021 3:00 PM (3 hours)

Presenters: ROY, Fabrice (IAS, Meudon); LAFAGE, Vincent (IJCLab, Orsay)

Session Classification: Workshop and PhD/post-docs contributions

Contribution ID: 13

Type: **not specified**

Good computing practices for physicists and PhD students

Friday, December 10, 2021 9:00 AM (45 minutes)

Presenter: LAFAGE, Vincent (IJCLab, Orasy)

Session Classification: Instrumentation, computing and general R&D

Contribution ID: 14

Type: **not specified**

PhD student and post-doc contributions: Please submit your abstract!

Friday, December 10, 2021 9:45 AM (45 minutes)

Session Classification: Instrumentation, computing and general R&D

Contribution ID: 15

Type: **not specified**

Skills workshop

Tuesday, December 7, 2021 3:00 PM (2 hours)

Embarking on a PhD provides many opportunities for personal and professional development beyond scientific research!

This workshop aims to provide guidance and tips on harnessing these resources to build a well-rounded CV and increase your chances of getting hired after your PhD for example.

More details/informations will be posted later.

Presenter: GAURON, Philippe (IJCLab, Orsay)

Session Classification: Workshop and PhD/post-docs contributions