

## EGAN Programme

All lectures are in the Chadwick Lecture Theatre

Refreshments and Lunches in the Central Teaching Hub

### Monday 24<sup>th</sup> June

#### 13:45 Introduction and Welcome

Welcome to Liverpool                      Paul Nolan  
The EGAN network                         Silvia Lenzi

#### 14:00 Session 1 (Chair: Rodi Herzberg)

Recent highlights from JUROGAM2 experiments

Rauno Julin                                  25+5

Simultaneous conversion-electron and  $\gamma$ -ray spectroscopy using SAGE: Preliminary results of an in-beam study of  $^{253}\text{No}$  using SAGE

Andrew Mistry                              12+3

Exotic rotations and seniority isomers in Nd nuclei

Costel Petrache                              12+3

The N=40 physics; from N=Z to  $^{60}\text{Ca}$

Alfredo Poves                                25+5

#### 15:30 Refreshment break

#### 16:00 Session 2 (Chair: Robert Page)

The summary of the first EAGLE campaign with GAMMAPOOL detectors

Jan Mierzejewski                            12+3

What should be a proper measure of the quadrupole deformation and triaxiality

Julian Srebrny                                12+3

Mirror Spectroscopy in the upper fp Shell with GRETINA

Tom Henry                                    12+3

Structure and correlations probed via nucleon knockout reactions

Ed Simpson                                  20+5

The Orsay Universal Plunger System

J Ljundvall                                    12+3

Linear polarization measurement of gamma-rays in  $^{94}\text{Ru}$

Farnaz Moradi                                12+3

18:00 Reception

19:30 Finish

## **Tuesday 25<sup>th</sup> June**

### **9:00 Session 3 (Chair Silvia Lenzi)**

Nuclear experiments with photons: a few cases to test nuclear density functional theory and extensions

Gianluca Colo 25+5

Three-nucleon forces and exotic nuclei

Achim Schwenk 25+5

Combining  $\gamma$  and particle spectroscopy in Cologne with SONIC&HORUS

S Pickstone 12+3

Differential Plunger Lifetime measurements of Proton-Unbound Nuclear States (DPUNS)

Dave Cullen 12+3

10:30 Refreshment break

### **11:00 Session 4 (Dave Cullen)**

Spectroscopic properties of low-lying states as calculated with mean-field-based methods: status and perspectives

Michael Bender 25+5

Fast-timing with a mixed array of LaBr<sub>3</sub>:Ce and HPGe detectors at IFIN-HH, Bucharest

Peter Mason 12+3

Ancillary detectors for combined electron and  $\gamma$ -ray spectroscopy

Philippos Papadakis 12+3

Status and perspectives of the GALILEO project

Roberto Menegazzo 25+5

12:30 Lunch break

### **14:00 Session 5 (Chair Peter Butler)**

Latest results from MINIBALL at REX-ISOLDE

Peter Reiter 25+5

Spin-aligned neutron-proton pair mode in atomic nuclei

Chong Qi 25+5

Preliminary results of Single Phoswich (LaBr<sub>3</sub>) and Cluster Phoswich

Sefa Erturk 12+3

The DIAMANT light charged particle detector system of CsI(Tl) scintillators  
Barna Nyako 12+3

15:30 Refreshment break

**16:00 Session 6 (Magda Gorska)**

Search for spontaneous time-reversal symmetry breaking in nuclear systems  
Ernest Grodner 25+5

Exotic nuclei and nuclear astrophysics  
Gabriel Martínez Pinedo 25+5

Status of the EURICA Project  
Pieter Doornenbal 25+5

17:30 Finish

## AGATA Open meeting programme

Wednesday 26<sup>th</sup> June

### 09:00 Overview session (Chair: John Simpson)

Introduction	John Simpson	5
AGATA status at GSI	Juergen Gerl	20+5
GRETINA Status: Technical Aspects	Augusto Macchiavelli	25+5
GRETINA Science programme	Mark Riley	25+5

### 10:30 Refreshment break

### 11:00 LNL Session (Daniel Napoli)

Collectivity in neutron-rich Co and Mn isotopes going towards N = 40

Victor Modamio 10 + 3

Lifetimes of intruder states in neutron-rich N = 20 nuclei using the recoil-distance technique with AGATA and PRISMA

Laura Grocutt 10 + 3

Study of shape transition in the neutron-rich Os isotopes

P.R. John 10 + 3

The spectroscopy of exotic nuclei

Corine Louchart 10 + 3

The structure of <sup>42</sup>Ca Coulomb excited states.

K.Hadyńska-Klęk 10 + 3

Global properties of K-hindrance probed by the gamma-decay of the warm rotating <sup>174</sup>W nucleus

Silvia Leoni 10 + 3

Isospin mixing at finite temperature in <sup>80</sup>Zr

Franco Camera 10 + 3

### 12:30 Lunch break

### 14:00 AGATA data analysis session (Chair: Andy Boston)

Olivier Stezowski (30)

Damien Ralet (30)

Philip John (30)

### 15:30 Refreshment break

**16:00 GSI session (Juergen Gerl)**

Overview of the commissioning and set-up

Plamen Boutachkov 10 + 2

Collectivity around 208Pb

Zsolt Podolyak 10 + 2

Search for PDR strength in  $^{64}\text{Fe}$

Franco Camera 10 + 2

Coulomb excitation of the band-terminating 12+ yrast trap in  $^{52}\text{Fe}$ : Status of the Data Analysis

Tayfun Huyuk 10 + 2

DSAM in neutron rich Zr isotopes, second step fragmentation experiment with AGATA

Damian Ralet 10 + 2

**End 17:00**

**17:30 to 23:00 Cathedral Dinner**

**Thursday 27<sup>th</sup> June**

**09:30 Ganil session**

Overview of Ganil  
Silvia Lenzi

**10:30 Refreshment Break**

**11:00**

AGATA Collaboration Council Meeting

**End 12:30**

**12:30 Lunch**