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EUROPEAN NUCLEAR SCIENCE AND APPLICATION RESEARCH 2

GRANT AGREEMENT NUMBER: 654002

D4.1

SETUP OF THE WEBSITE, SCIENTIFIC COMMITTEE AND WORKING GROUPS

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LIST OF ACRONYMS AND ABBREVIATIONS

ScC	Scientific Committee
SC	Steering Committee
WG	Working Group
WGs	Working Groups

EXECUTIVE SUMMARY

INTRODUCTION

NUSPIN is the network in ENSAR2 for the Nuclear Spectroscopy and Complementary Equipment community involved in frontline research on nuclear structure, reaction dynamics and applications. The main goals are the promotion and coordination of scientific and technological activities, the exchange of knowledge and transfer of expertise between the working groups and to young researchers, and the optimisation of the use, construction and maintenance of the resources.

NUSPIN WEB SITE

The web site, <http://nuspin.pd.infn.it>, has been created. It contains different pages where the description of the tasks, committees, announcements and news are posted. The site includes a link to a document server where the minutes of the different meetings and other useful documents can be uploaded.



**Nuclear
Spectroscopy
Instrumentation
Network**



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NuSpIn

a common forum for the high-resolution gamma-ray spectroscopy and ancillary instrumentation community

Main goal

The Nuclear Spectroscopy Instrumentation Network (NuSpIn), in the framework of ENSAR2 (HORIZON2020), promotes the mutual coordination between the research groups involved in high-resolution gamma-ray spectroscopy.

The objective is to strengthen the nuclear structure community by the exchange and transfer of knowledge and the enhancement of synergies between the different collaborations active in the European Infrastructure Facilities.

Actions

To promote

- the optimum use of the resources through the pooling of distributed equipment for large-scale projects
- the development of new technologies
- the collaboration for the maintenance of detectors by enhancing detector labs synergies
- the transfer of knowledge with training courses for young researchers, through the exchange of key personnel
- collaborative ventures between experimental research groups and between experimentalists and theoreticians

To Coordinate

- the design and construction of ancillary devices taking into account mechanical design compatibility
- the development of data acquisition and electronics
- the integration of gamma detectors and ancillaries

This network has strong links with all TNA's and the Joint Research Activities ...

[more ...](#)

Fig. 1. Homepage of the NUSPIN web site

STEERING AND SCIENTIFIC COMMITTEES, WORKING GROUPS

Steering Committee:

The network has a Steering Committee aimed at coordinating and organising the different activities and tasks. It is formed as follows: Silvia M. Lenzi (Work-package leader, INFN-Padova), Magdalena Gorska (deputy-coordinator, GSI), Araceli Lopez-Martens (CNRS), Andres Gadea (IFIC-Valencia), Andrew Boston (University of Liverpool).

Scientific Committee:

The Scientific Committee members represent different collaborations on gamma-spectroscopy instrumentation and ancillary devices. Its goal is to promote collaborative ventures and to encourage the pooling of distributed equipment. The first meeting took place in San Servolo, Venice International University on June 28, 2016.

The Scientific Committee is composed of: Michael Bentley (University of York), Alison Bruce (University of Brighton), Giacomo de Angelis (INFN-LNL, Legnaro), Gilles de France (GANIL, Caen), Gilbert Duchene (IPHC, Strasbourg), Maria José García Borge (ISOLDE, CERN), Juergen Gerl (GSI, Darmstadt), Georgi Georgiev (CSNSM, Orsay), Paul Greenlees (JYFL, Jyväskylä), Jan Jolie (Univ. Cologne), Silvia Leoni (Univ. di Milano), Adam Maj (IFJ PAN, Krakow), Johan Nyberg (Uppsala University), Peter Reiter (Univ. Cologne), Berta Rubio (IFIC, Valencia), Calin Ur (ELI-NP / IFIN-HH, Bucharest).

Working Groups:

The Working Groups in NUSPIN aim at cooperating in the use, research and development of the detectors and to improve the performance and compatibility of the devices: mechanics, electronics, data acquisition, simulation tools, R&D. The Working Groups are coordinated by Daniele Mengoni (Univ. Padova).

The first meeting of the WGs took place in San Servolo, Venice International University on June 28, 2016.

The four Working Groups have elected a convener:

WG1: High-resolution gamma-ray spectroscopy. Convener: Francesco Recchia (Univ. Padova and INFN)

WG2: Particle detectors. Convener: Marlene Assié (CNRS, Orsay)

WG3: High-efficiency and fast-timing scintillator detectors. Convener: Enrique Nacher (CSIC, Madrid)

WG4: Devices for nuclear moments and transition probabilities. Convener: Alain Goasduff (Univ. Padova and INFN)

There are common interests among the members of the different WGs that are not exclusive and therefore, some researchers participate in more than one WG.

Members of the WGs are:

WG1: BEDNARCZYK, Piotr (IFJ-PAN), BENTLEY, Michael (University of York), BENZONI, Giovanna (INFN-MI), BOSO, Alberto (Univ. Padova), BRUCE, Alison (University of Brighton), CLEMENT, Emmanuel (GANIL), CULLEN, David (University of Manchester), DE FRANCE, Gilles (GANIL), GADEA RAGA, Andres F. (IFIC CSIC-University of Valencia), GEORGIEV, Georgi (CSNSM), GIAZ, Agnese (Padova University), GOASDUFF, Alain (Padova University), Prof. GREENLEES (University of Jyväskylä), HADYNSKA-KLEK, Katarzyna (INFN LNL), HUYYUK, Tayfun (CSIC - Universidad de Valencia), JAWORSKI, Grzegorz (INFN-LNL), JOHN, Philipp Rudolf (TU Darmstadt), KORICHI, Amel (CNRS), KROLL, Thorsten (TU Darmstadt), LEONI, Silvia (Milano University and INFN), LI, Hongji (GANIL), LJUNGVALL, Joa (CSNSM), LOPEZ-MARTENS, Araceli (CSNSM), MAJ, Adam (IFJ PAN Krakow), MARGINEAN, Nicolae (IFIN-HH), MENGONI, Daniele (University of Padova and INFN), NANNINI, Adriana (INFN-Firenze), NAPOLI, Daniel Ricardo (INFN-LNL), NYBERG, Johan (Uppsala University), PAKARINEN, Janne (University of Jyväskylä), PETRACHE (University Paris Sud & CNRS), PULLIA, Alberto (University of Milano & INFN), PREZ VIDAL, Rosa (IFIC-CSIC Valencia), RALET, Damian (CSNSM), RECCHIA, Francesco (University of Padova and INFN), REITER, Peter (IKP University of Cologne), RICCETTO, Serena (Universita di Perugia), ROCCHINI, Marco (University of Florence and INFN), SICILIANO, Marco (University of Padova and LNL), SMITH, John F. (University of the West of Scotland), THEISEN, Christophe (CEA Saclay), UR, Calin Alexandru (ELI-NP / IFIN-HH), VALIENTE DOBON, Jose' Javier (INFN-

LNL), VOGT, Andreas (University of Cologne), VON SCHMID, Mirko (IKP TU Darmstadt), ZIELINSKA, Magda (CEA Saclay).

WG2: ALIAGA, Ramon J. (IFIC-CSIC- University of Valencia), BEDNARCZYK, Piotr (IFJ-PAN), BENTLEY, Michael (University of York), BENZONI, Giovanna (INFN-MI), BOSO, Alberto (Univ. Padova), CANET, Francisco Javier Egea (INFN-Padova), CAPRA, Stefano (Milano University). CLEMENT, Emmanuel (GANIL), CULLEN, David (University of Manchester), DE ANGELIS, Giacomo (INFN-LNL), DE FRANCE, Gilles (GANIL), Prof. ERDURAN, M. Nizamettin (Istanbul Zaim University), FLAVIGNY, Freddy (IPNO), FRANSEN, Christoph (Institut fur Kernphysik Koln), GADEA RAGA, Andres F. (IFIC CSIC-University of Valencia), GALTAROSSA, Franco (INFN LNL), HADYNSKA-KLEK, Katarzyna (INFN LNL), JOHN, Philipp Rudolf (TU Darmstadt), KORICHI, Amel (CNRS), KROLL, Thorsten (TU Darmstadt), LEONI, Silvia (Milano University and INFN), LJUNGVALL, Joa (CSNSM), MARCHI, Tommaso (IKS KU), MENGONI, Daniele (University of Padova and INFN), NANNINI, Adriana (INFN-Firenze), OBERTELLI, Alexandre (CEA Saclay), PULLIA, Alberto (University of Milano & INFN), RECCHIA, Francesco (University of Padova and INFN), ROCCHINI, Marco (INFN and University of Florence), TESTOV, Dmitry (University of Padova and INFN), THEISEN, Christophe (CEA Saclay), VALIENTE DOBON, Jose' Javier (INFN-LNL), VOGT, Andreas (University of Cologne), VON SCHMID, Mirko (IKP TU Darmstadt), ZIELINSKA, Magda (CEA Saclay).

WG3: ALGORA, Alejandro (IFIC CSIC- Uni. Valencia), BEDNARCZYK, Piotr (IFJ-PAN), BENZONI, Giovanna (INFN-MI), BOSO, Alberto (Univ. Padova), BRUCE, Alison (University of Brighton), Dr. DUDOUET (IPNL), GADEA RAGA, Andres F. (IFIC CSIC-University of Valencia), GIAZ, Agnese (Padova University), JOHN, Philipp Rudolf (TU Darmstadt), LEONI, Silvia (Milano University and INFN), LI, Hongji (GANIL), LOPEZ-MARTENS, Araceli (CSNSM), MAJ, Adam (IFJ PAN Krakow), MARGINEAN, Nicolae (IFIN-HH), MENGONI, Daniele (University of Padova and INFN), PREZ VIDAL, Rosa (IFIC-CSIC), RALET, Damian (CSNSM), RECCHIA, Francesco (University of Padova and INFN), RICCETTO, Serena (Universita di Perugia), RUBIO, Berta (IFIC CSIC- Uni. Valencia), SICILIANO, Marco (University of Padova and LNL), SMITH, John F. (University of the West of Scotland), THEISEN, Christophe (CEA Saclay), UR, Calin Alexandru (ELI-NP / IFIN-HH), VALIENTE DOBON, Jose' Javier (INFN-LNL), VOGT, Andreas (University of Cologne), VON SCHMID, Mirko (IKP TU Darmstadt), ZIELINSKA, Magda (CEA Saclay).

WG4: BEDNARCZYK, Piotr (IFJ-PAN), BENZONI, Giovanna (INFN-MI), BOSO, Alberto (Univ. Padova), BRUCE, Alison (University of Brighton), CLEMENT, Emmanuel (GANIL), CULLEN, David (University of Manchester), CULLEN, David (University of Manchester), DE ANGELIS, Giacomo (INFN-LNL), GADEA RAGA, Andres F. (IFIC CSIC-University of Valencia), GEORGIEV, Georgi (CSNSM), GOASDUFF, Alain (Padova University), HADYNSKA-KLEK, Katarzyna (INFN LNL), JOHN, Philipp Rudolf (TU Darmstadt), LEONI, Silvia (Milano University and INFN), LJUNGVALL, Joa (CSNSM), MENGONI, Daniele (University of Padova and INFN), NANNINI, Adriana (INFN-Firenze), RALET, Damian (CSNSM), RECCHIA, Francesco (University of Padova and INFN), RICCETTO, Serena (Universita di Perugia), ROCCHINI, Marco (INFN and University of Florence), SMITH, John F. (University of the West of Scotland), TESTOV, Dmitry (University of Padova and INFN), UR, Calin Alexandru (ELI-NP / IFIN-HH), VALIENTE DOBON, Jose' Javier (INFN-LNL), VOGT, Andreas (University of Cologne), VON SCHMID, Mirko (IKP TU Darmstadt), ZIELINSKA, Magda (CEA Saclay), VALIENTE DOBON, Jose' Javier (INFN-LNL), ZIELINSKA, Magda (CEA Saclay).

CONCLUSIONS

The creation of NUSPIN website allows to post a variety of useful information and documents. Its sections will expand according to the needs of the forum.

The Steering Committee is active in the organisation of the different initiatives and meetings.

Meetings of the Scientific Committees and the Working Groups are foreseen in occasion of the next NUSPIN Workshop.