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ENSAR2

European Nuclear Science and Application Research ${\bf 2}$

GRANT AGREEMENT NUMBER: 654002

D6.1 GDS WEB SITE

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Disclaimer

This deliverable has been prepared by Work Package 6 (GDS – Gas-filled Detectors and Systems) of the Project in accordance with the Consortium Agreement and the Grant Agreement $n^{\circ}654002$. It solely reflects the opinion of the parties to such agreements on a collective basis in the context of the Project and to the extent foreseen in such agreements.

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REFERENCES AND APPLICABLE DOCUMENTS

[1] <u>http://igfae.usc.es/gds/</u>

[2] <u>http://www.ensarfp7.eu/activities</u>

LIST OF ACRONYMS AND ABBREVIATIONS

CEA	Commissariat à l'Energie Atomique et aux Energies Alternatives (France)
CNRS	Centre National de Recherche Scientifique (France)
GANIL	Grand Accélérateur National d'Ions Lourds (France)
GDS	Gas-filled Detectors and Systems
IGFAE/USC	Instituto Gallego de Fisica de Altas Energias / Universidad De Santiago De
	Compostela (Spain)
INFN	Istituto Nazionale Di Fisica Nucleare (Italy)
KULeuven	Katholieke Universiteit Leuven (Belgium)
RUG	Rijksuniversiteit Groningen (Netherlands)

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EXECUTIVE SUMMARY

This document describes the creation, current status, future plans and other aspects of the website [1] related to the GDS (Gas-filled Detectors and Systems) Networking Activity of the ENSAR2 project [2]. Deliverable D6.1 was the "Creation of a dedicated GDS website to help facilitate communication between the GDS community and disseminate information amongst all interested parties (Month 6)". In this report we describe the on-time and successful completion of this deliverable.

INTRODUCTION

The aim of the GDS Networking Activity is to assemble and coordinate a large group of research collaborations that are in the process of developing new capabilities with gas-filled detection and active-target systems in the field of nuclear physics.

The GDS network will exchange information through various media and scientific events between physicists and engineers already working on these projects across Europe. It will assist and promote collaborations and personnel working on similar projects and will encourage the support and training of highly qualified personnel in this rapidly evolving field.

Nowadays it is generally acknowledged that the active web presence plays the key role in the dissemination process, being the central point of all dissemination activities. Therefore, the GDS web site is a crucial tool in the successful accomplishments of GDS Networking Activity.

The GDS website is available at this address: http://igfae.usc.es/gds/ and it has been online since April 2016. It is technically maintained and updated by the USC team (Beneficiary n°26, Spain). A brief description of each of the pages and goals is provided below. In addition, communication and outreach actions are presented in the following section.

STRUCTURE AND CONTENTS

Home page http://igfae.usc.es/gds/

Introduction to the networking activity and description of the different work packages. A screenshot of the page is provided in the Annex in Figure 1.

Meetings http://igfae.usc.es/gds/meetings.html

The remaining deliverables of the project are collaboration topical meetings and this page will provide all of the information about upcoming meeting (dates, location, program) and a link to the registration page. Once the topical meeting is complete, this page is where we intend to put the program and the presentation files from each of the participants.

Collaboration http://igfae.usc.es/gds/collaboration.html

A list of the members and institutions that represent the GDS coordination committee (CC). These persons are responsible for the organization of the network and the successful completion of its milestones and deliverables. Creation of the GDS CC constituted milestone 1 of the project and was completed in Month 3.

Projects http://igfae.usc.es/gds/projects.html

This page is dedicated to providing a brief presentation of all of the ongoing projects within the GDS community. Many of these projects will have their own detailed website. The goal of this page is to provide a paragraph describing each project with a figure and a link to the project website (if one exists).

News and Documents http://igfae.usc.es/gds/documents.html

This page will be used as a "news feed" to post all information that is of interest to the GDS community such as upcoming conferences, workshops, news, figures, reports or highlights from each of the projects. This page will also be used to advertise the four GDS topical meetings that will be organized as part of the GDS network. On this page, we will also provide links to all recent scientific publications that are relevant to the GDS community. This page also has an internal area that is password protected where we keep the minutes of the GDS CC meetings that are held regularly.

Contact us http://igfae.usc.es/gds/contact.html

By filling in this online form anyone will be able to join the GDS network or contact directly the GDS CC for questions and information. We have sent an email to some of the most widely used mailing lists in nuclear physics in order to advertise the network and direct them to this web site. Anyone that is interested in receiving more information, and if they wish to be regularly updated with all of the GDS news and activities, can sign up on this page. We will collect the email addresses of everyone who registers and use this information to create a GDS mailing list to send news and information more efficiently to the community. This same page can be used for anyone wishing to unsubscribe from the network.

COMMUNICATION AND OUTREACH

In addition to the website we have created a single email address gds_ensar2@ganil.fr that will be used throughout the duration of the project. When someone fills in the online form on the website, this information is automatically sent to the GDS email address and is automatically forwarded to the GDS CC. When there is important news to send to the community, we will post this information on the "news" section of the website and generate an email from this GDS account that will be sent to all registered users. This is to ensure that any and all communications are quickly and efficiently sent to all registered users.

CONCLUSION

The creation of the GDS website provides a complete and promising tool for GDS Networking Activity. It raises awareness of the GDS achievements within the European Nuclear Physics community and beyond. The GDS website is now functional for some months and based on current and future feedback it will be further cultivated.

ANNEX

GDS: GAS-FILLED

Gas-Filled Detectors and Systems. Network Activity in ENSAR2

ENSARg is the integrating activity for European nuclear scientists who are performing research in three of the major subfields defined by <u>NUFECC</u>. Nuclear Structure and Dynamics, Nuclear Astrophysics and Nuclear Physics Tools and Applications. Within <u>ENSARG</u>, GOS, the Gas-Filled Detectors and Systems Network Activity, gathers experts of gas-filled detectors and systems to develop new techniques to overcome constraints such as high-intensity beams and attong non-uniform magnetic fields.

ENSAR2 [Work Package 6]

NETWORK ACTIVITY & - GOS: GAS-FILLED DETECTORS AND SYSTEMS

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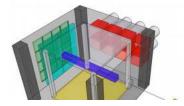


Figure 1: screenshot of GDS Website home page

TASK 1: MANAGEMENT/GDS COORDINATION (GANIL)

The main objectives of this task are to harmonical the verticus activities described in the state of the GDD motion, sealing title the dissemble on of information and including gainst test the total constraints on the totaget ways to combine the existing resources of the verticus collaborations in order to maximize the efforting vertical of the serious collaborations in and/or to maximize the efforting vertical series and particular. This tasks will grow do the particular for these activities from the constraints of workshops between all of the CU communities working on COB projects.

TASK 2: GDS IN STRONG AND NON-UNIFORM MAGNETIC FIELDS (CEA, KU LEUVEN)

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TASK 3: NOVEL DETECTION SYSTEMS FOR HIGH-INTENSITY AND HEAVY-ION BEAMS (USC, GANIL)

The large number of lankation electrons analosed from unreased high-intensity (half) family (or heavy-lank terms) (a., (h. Sp. FL). () means april familiases phage that departed to the homogeneity of the drift electric field in gas. Field departed in grant as Destimates as filter formocome matching on in means, same to be primed as all lives autiliars to powers an active same departed to provide a static highers possible beam