



**XVth IAGA WORKSHOP
ON GEOMAGNETIC OBSERVATORY INSTRUMENTS,
DATA ACQUISITION AND PROCESSING**



(San Fernando, Cádiz, Spain, June 4th – 14th, 2012)

Website: http://IAGA_workshop_2012.roa.es

Location

Royal Observatory of the Spanish Navy at San Fernando (Cádiz), Spain

Sponsors

**International Association of Geomagnetism and Aeronomy
Spanish Navy**

(Second Circular)

INTRODUCTION

In August 2009, IAGA accepted the proposition that the Royal Observatory of the Spanish Navy at San Fernando, Cádiz (ROA), at Spain would be host for the XVth IAGA Workshop on Geomagnetic Observatory Instruments, Data Acquisition, and Processing.

WORKSHOP OBJECTIVES

The aim of the XVth IAGA Workshop on Geomagnetic Observatory Instruments, Data Acquisition and Processing will focus on the exchange of experimental and theoretical information associated with observations of the Earth's magnetic field at Geomagnetic Observatories. The fundamental goal of the Workshop is the exchange of information, tools and experience related to the methodology of such observations.

All Observatory Institutes, Universities, private companies and any other institute that might operate magnetometers of various types (variometers, etc...) are encouraged to consider their participation.

The workshop consists of two parts: measurement session and scientific session. The Measurement Session will comprise comparative magnetic measurements using DI-flux Theodolites and scalar magnetometers. Scalar magnetometer frequency test will also be possible. Training concerned with the absolute measurements will be organized. Measurement Sessions are planned to be carried out at the Geomagnetic Observatory located at La Barca de La Florida (about 60km from San Fernando city).

Magnetic observatories are undergoing important transformations in order to address the evolving needs of the various scientific communities using observatory data

(geomagnetic modeling, space weather, space physics, etc.) the Scientific Session will include the following group of topics:

- Observatory instruments and measurements techniques.
- Data Acquisition, processing and distribution.
- Surveys.
- Global and local geomagnetic observatory networks.
- Applications of observatory data.
- The future of magnetic observatories.

It will be held at Bahía Sur Hotel located in San Fernando (Cádiz), close to the ROA, from 11 till 13 June.

TENTATIVE SCHEDULE

June 4 th :	Arrival.
June 5 th :	Welcome and registration. Opening measurement session.
June 6 th -8 th :	Measurement session.
June 9 th :	Tour (probably Seville).
June 10 th :	Free day.
June 11 th -12 th :	Scientific session.
June 13 th :	Scientific session and closing workshop.
June 14 th :	Departure.

PRE-REGISTRATION (NEW)

To help preparing the agenda for measurement sessions a pre-registration deadline is set: February 1, 2012.

Please, fill out the pre-registration form (download from the workshop website) and send it to "Turysur Travel" agency by FAX or e-mail, with subject "Pre-registration".

Turysur Travel
Phone: +34-956 846 221
FAX: +34-956 958 263
E-mail: pablobarcia@turysurtravel.com

Pre-registration deadline: February 1, 2012

REGISTRATION (NEW)

For registration, please, fill out the registration form (download from the workshop website) and send it to "Turysur Travel" by FAX or e-mail, with subject "Registration".

You have to pay the registration fee according with the Table below. Payment will be made through "Turysur Travel".

Registration fee covers the meeting rooms and their facilities, poster, panels, secretary desk, coffee breaks, a banquet, transportation to and from Geomagnetic Observatory and the book of abstracts:

	Up to April 27, 2012	After April 27, 2012
Whole workshop	180€	240€
Scientific session only	150€	210€
Student	100€	160€
Accompanying person	TBD	TBD

Reduced rate registration deadline: April 27, 2012

Cancellation of workshop registration can be done until May 15, 2012. However a 30€ fee will be deducted.

BOOKING ROOM (NEW)

For booking, please, fill out the booking form document (download from the workshop website) and send it to "Turysur Travel" agency by FAX or e-mail, with subject: "Booking".

Participants should arrange for their lodging, meals and dinners through "Turysur travel" agency directly. LOC has arranged rooms for participants.

Please take into account that San Fernando (Cádiz) is a very popular tourist area, so the acceptance of booking after April 27, 2012 will depend on the availability of rooms and can therefore not be guaranteed.



Bahia Sur Hotel prices:

Double room (bed and breakfast)	78€
Double room -single use (bed and breakfast)	78€
Double room (half board)	114€
Double room (full board)	150€
Double room -single use (half board)	96€
Double room -single use (full board)	114€

Notes:

- * **VAT is included.** All prices are for each day per room and services.
- * The total price of the reservation will be charged on the day of booking but is **refundable if cancelled before May 28, 2012.** If cancelled after or in case of no-show, the first night will be charged. **Changes** can be made till **7 days before May 28, 2012** without cost.
- * If you select half board, please indicate in the booking form if you prefer dinner or lunch, **subsequent changes**, for example have dinner instead of lunch, **must be notify 24 hours before** at the secretary desk of the workshop.
- * Bungalows/studios could be also available. For more information, please, contact with "Turysur travel" agency.
- * Dinner or lunch supplement per person: 18€.

The hotel room has to be paid to "Turysur travel" agency. Additional expenses for drinks, phone, etc...will be paid by each participant individually at hotel reception desk. Payment with major credit cards is possible.

Booking room deadline: April 27, 2012.

METHOD OF PAYMENT (NEW)

Registration and room payment will be made through "Turysur Travel" agency by credit card or wire transfer.

- By credit card including Visa, MasterCard and Diners: fill out the registration/booking form and submit it (once signed) by FAX or e-mail attached to the Travel Agency.
- By wire transfer to the account:

Holder of account: Turysur Travel
Name of the bank: Caixa Bank
IBAN: ES27 2100 5767 6102 0005 6141
SWIFT: CAIXESBBXXX
Transfer name: IAGA Workshop 2012 Registration with participant's name or IAGA Workshop 2012 Booking with participant's name.

IMPORTANT: please, send a copy of the bank transfer by FAX o e-mail to Turysur Travel.

FINANCIAL SUPPORT (NEW)

It is expected to grant some researchers from developing countries and/or students selected on basis of objective criteria. Grants could cover different aspects as: registration, travel, or lodging depending on funds availability. To apply for financial support you have to:

- (a) Pre-register for the workshop.
- (b) Submit at least one abstract.
- (c) Submit your CV and a financial support application(download from the workshop website)by e-mail to LAGA_workshop_2012@roa.es with subject: "Financial Support".

Remind that all these actions should be performed before **February 1, 2012**.

Financial support criteria will be based on CV, the quality of the abstract submitted, instruments brought for inter-comparison, geographical balance and scientific merits of the participation. As funds are limited and it is very likely that full support will not be possible, priority will be given to eligible applicants requiring only partial support (e.g. registration fee or subsistence).

Applicants will be informed about the final decision before March 1. All participants who have been approved for financial support have to coordinate the reception of this economic help with the LOC.

Financial support request deadline: February 1, 2012.

Final decision on financial support request: March 1, 2012.

ABSTRACT SUBMISSION (NEW)

Participants who wish to give a presentation (oral or poster) must submit an abstract with the following format:

- Abstract title in capital letters. *(Times New Roman; 14 pt)*
 - 1 line space.
- Name(s) of author(s). The first name and author's family name who will present the paper should be in capital letters. *(Times New Roman; 12 pt)*
 - 1 line space.
- Affiliation(s) of the author(s). The number(s) that correspond to the proper affiliation should be shown after each name. *(Times New Roman; 12 pt)*
 - 1 line space.
- Text of the abstract. Do not indent paragraph, single line spacing. *(Times New Roman; 12 pt)*
 - 1 line space.

- 1. Name of the corresponding author with e-mail, fax, telephone and mailing address. (*Times New Roman; 12 pt*)
- 2. Type of presentation (O:oral; P:poster; OP:if oral is your first preference but poster is also acceptable). (*Times New Roman; 12 pt*)

Abstracts should not exceed one A4 format page. It must be prepared in English as a Microsoft Word file. We strongly recommend to use the sample abstract document as template (download from the workshop website:http://IAGA_workshop_2012.roa.es).

Abstract will be sent by e-mail to IAGA_workshop_2012@roa.es with subject: "Abstract".

[Abstract submission deadline: March 1, 2012.](#)

[Abstract acceptance deadline: April 1, 2012.](#)

PUBLICATION

A pre-conference program will be published and provided with the registration packets upon arrival and will also be available on-line by late May 2012. The pre-conference program will contain a schedule of the scientific sessions as well as copies of all abstracts submitted by the abstract deadline. We are planning to publish the papers presented at the workshop as a post-conference proceedings volume. All papers should be written in English. The formatting requirements will be published at later date.

TRAVEL INFORMATION (NEW)

- ❑ **How to reach the place.**



- By plane:

- Local committee strongly recommends you to arrive to Jerez which is the closest airport to San Fernando (about 40km). There are direct flights to some European capitals and several direct flights to/from Madrid Barajas international airport.
- San Pablo international airport (Seville) is 120km from Cádiz city and provides direct flights to all major national and international destinations.
- Other international airports in the area are Gibraltar (140km) and Málaga (265km).

More information can be found at: <http://www.aena-aeropuertos.es/>

- By train:

- There are several daily fast-trains connecting San Fernando to Madrid. It takes about 4h 30 minutes.
- Fast-trains connect, every hour, Barcelona to Madrid (taking about 3 hours) and Madrid to Seville (taking about 2 hours 30 minutes). Every two hours (approx.) there are regional trains, which connect Seville to San Fernando. It takes about 1h 45 minutes.
- There are trains connecting San Fernando to Jerez and Cádiz almost every hour.
- The best train's stop is **San Fernando-Bahía Sur** which is at walking distance from the hotel (200m).

More information can be found at <http://www.renfe.com/>

- By car:

The province is connected with the rest of the country by three principal routes

- The AP-4 Seville-Cádiz motorway (about 120 km).
- The A-4 Madrid-Cádiz (about 675 km).
- The A-381 Cádiz-Málaga (about 260 km).

Road info can be found at Spanish National Traffic website: <http://www.dgt.es/portal/>

- By bus:

- There are several daily buses connecting San Fernando to Madrid. It takes about 8 hours.

- There are also a lot of bus lines to Seville and the main surrounding cities.

More info can be found at: <http://www.socibus.es/index.jsp>

❑ **Visa information.**

Visitors needing a visa to attend the workshop should apply it at least 3-4 month in advance of the meeting and preferable as soon as possible. If you need a letter of invitation, please, send us one-mail to IAGA_workshop_2012@roa.es with subject: **Letter of invitation.**

❑ **Currency.**

Legal currency in Spain is Euro (€). Major credits cards are acceptable at most business and restaurants.

❑ **Climate.**

The province of Cádiz enjoys a warm climate with an average yearly temperature of 17.6°C. Its 3200 hours of yearly sunshine guarantees more than 300 sunny days. Average temperatures per season are: winter (14°C), spring (17°C), summer (22°C) and autumn (18 ° C).

The average yearly sea water temperature is 17°C

❑ **Electric power.**

230V/50Hz, Euro-continental type outlets.



For further information, please contact:

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A third circular with more detailed information will be distributed in May, 2012.

Please, bring the content of this circular to the attention of your colleagues who are interested in participating in the forthcoming XVth IAGA Workshop.

Calendar

February 1, 2012	Pre-registration
February 1, 2012	Financial support request
March 1, 2012	Final decision on financial support request
March 1, 2012	Abstract submission
April 1, 2012	Abstract acceptance
April 27, 2012	Reduced rate registration
April 27, 2012	Booking room
May, 2012	Third circular and pre-conference program publication

International Organizing Committee

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