

# Annual Report for 2016

## International Association of Geomagnetism and Aeronomy

### 1. INTRODUCTION

**IAGA**, the International Association of Geomagnetism and Aeronomy (AIGA - Association Internationale de Géomagnétisme et d'Aéronomie) is one of the eight Associations of the International Union of Geodesy and Geophysics (IUGG). It is a non-governmental body funded through the subscriptions paid to IUGG by its Member Countries. IAGA has a long history and can trace its origins to the Commission for Terrestrial Magnetism and Atmospheric Electricity, part of the International Meteorological Organisation, which was established in 1873.

IAGA is the premier international scientific association promoting the study of terrestrial and planetary magnetism, and space physics. IAGA is concerned with the understanding and knowledge that result from studies of the magnetic and electrical properties of:

- the Earth's core, mantle and crust
- the middle and upper atmosphere
- the ionosphere and the magnetosphere
- the Sun, the solar wind, the planets and interplanetary bodies.

### 2. ADMINISTRATION

Since 2015, IAGA is organised in six Divisions and four Inter-divisional Commissions, each led by a Chair and a Co-Chair. Each Division may form Working Groups in given specialised topics and elects officers to run the business of the Working Groups. During the XXVI IUGG General Assembly in Prague (2015), IAGA renewed its officers. The links below lead directly to lists of the Division/Inter-divisional Commission leadership and the Working Group names and officers:

<http://www.iaga-aiga.org/about/>

IAGA is administered by an Executive Committee on behalf of IUGG Member Countries in accordance with the Association's Statutes and By-Laws. The current Executive Committee members are:

**President:** Eduard Petrovsky (Czech Republic)

**Vice-President:** Monika Korte (Germany)

**Secretary General:** Mioara Manda (France)

**Members:** Inez Batista (Brazil), Archana Bhattacharyya (India), Brian J. Fraser (Australia), Pieter Kotze (South Africa), Renata Lukianova (Russia), Alan Thomson (UK), and Andrew Yau (Canada).

IAGA communicates with Member Countries through National Correspondents nominated by appropriate national bodies. Member Countries are represented at IAGA Assemblies by accredited Chief Delegates who may vote on matters, according to the voting rules set out in the Statutes and By-Laws, at meetings of the Conference of Delegates. Information on the EC members and National Correspondents are found at: <http://www.iaga-aiga.org/about/>

### 3. ACTIVITIES

One of the important achievements of 2016 is the new design of IAGA web, and the new domain [www.iaga-aiga.org](http://www.iaga-aiga.org)

#### Sponsored Topical Meetings

IAGA sponsored several topical meeting during 2016. The main achievements are published in the last IAGA newsletters.

20-24 Mar	IAGA-4: Heliospheric Physics during a deep solar minimum	Hurghada, Egypt	A Hady
16-18 May	3rd Magnetotelluric 3D Inversion workshop	Bari, Italy	A Siniscalchi
18-21 Jul	Data intensive System Analysis	Sochi, Russia	A Gvisiani
25-29 Jul	6th IAGA/ICMA/SCOSTEP Workshop on Vertical Coupling in the Atmosphere-Ionosphere System	Taiwan	P Koucká Knížová
14-20 Aug	23rd Electromagnetic Induction	Chiang Mai, Thailand	U Weckmann
21-27 Aug	15th Castle meeting - Paleo, Rock and Environmental	Dinant, Belgium	S Spassov
4-10 Sep	XVIIth IAGA Workshop on Geomagnetic Observatory	Dourbes, Belgium	J Rasson
19-23 Sep	7th workshop of the URSI/IAGA Joint Working Group on ELF/VLF Remote Sensing of Ionospheres and Magnetospheres (VERSIM)	Hermanus, South Africa	J Bortnik



The XVII<sup>th</sup> IAGA Workshop on Geomagnetic Observatory Instruments, Data Acquisition and Processing was held in Dourbes, Belgium.



The 15<sup>th</sup> edition of the Castle meeting was held in the Castel de Pont-a-Lesse, Belgium.

## Publications

### *IAGA books*

One of the most important achievements of IAGA was to publish, with Springer, a series of five books, summarizing the state of the science of the IAGA five divisions. As well as providing useful reference texts, the income to IAGA from Springer for this venture was used to support scientists attending the last Scientific Assembly in Sopron, Hungary.



### *IAGA Newsletters 53*

The last issue of IAGA Newsletters was distributed at the end of December 2016. It can be downloaded from the IAGA web site [www.iugg.org/IAGA](http://www.iugg.org/IAGA).

### *New Flyer and Poster*

The new version of the IAGA flyer is also available.



## **4. FUTURE ACTIVITIES**

### **Preparations for IAGA 2017**

For the 2017 joint IAPSO-IAMAS-IAGA Scientific Assembly the route is to South Africa!

South Africa is host to many National Research Facilities including the Hermanus Magnetic Observatory (where IAGA plans to organize the 3rd Summer School). The meeting will bring many occasions for scientists to discuss a wide range of topics, over breaks, poster sessions, and the IAGA special dinner party.

The 2017 Joint IAPSO-IAMAS-IAGA Scientific Assembly will be organized in Cape Town, South Africa. The Joint Assembly, endorsed by the University of Cape Town and the South African Department of Science and Technology, will take place from 27 August to 1 September 2017 at the Cape Town International Convention Centre (CTICC).

Detailed information on programme, abstract submission, registration, accommodation, venue are provided:

<http://www.iapso-iamas-iaga2017.com/>

Mioara MANDEA  
IAGA Secretary General