



H.E. Ahmed LAHLIMI ALAMI  
The High Commissioner  
for Planning



Dr Pedro Luis do Nascimento Silva  
ISI President

## Welcome message from National Organizing Committee

Welcome to the 61<sup>st</sup> edition of the World Statistics Congress, taking place in Marrakech from 16 to 21 July 2017.

The World Statistics Congress is a biennial conference of the International Statistical Institute and its associations. It brings together prominent statisticians, researchers as well as policymakers from all over the world, to present, discuss, disseminate, and seek best practices in the field of statistics and its subsequent applications.

This year's edition will be rich in scientific content, featuring the latest advancements and techniques in statistics, as well as training programs consisting of satellite meetings and short courses.

The High Commission for Planning -main producer of official statistics in Morocco- is pleased to organize and host this year's event, in one of Morocco's most distinguished cities, Marrakech, colloquially known as the "Red City". Marrakech is famous for its prime touristic attributes (historical monuments, gardens, medinas, lively nightlife, and a wide choice in terms of cuisine, shopping and entertainment), which got the city elected world's best touristic destination in 2015.

To facilitate sharing and networking, we devised a social programme for participants to enjoy the best of the city regarding sights, smells and colors so unique to Marrakech.

ISI2017 is taking place at the Palais des Congrès, an exceptional venue, located in the heart of the city, and within walking distance of the city's major attractions.

We are pleased to have you amongst us for a fruitful and rewarding experience together.

## Welcome message from ISI President

Dear WSC Participant,

Welcome to the 61<sup>st</sup> ISI World Statistics Congress (WSC), in beautiful Marrakech, Morocco. You have made it here, and will now take part in the largest, most traditional and diverse event of the International Statistical Institute (ISI) and its seven Associations.

My special welcome to those who are participating at the WSC for the first time. I hope that, like me, you will become a frequent participant, returning as often as I have since 1987! Do not feel shy to introduce yourself to other participants, and to ask questions or advice. Each edition of the WSC brings together the wonderful community of statisticians and statistics lovers from all over the world. Our community is very welcoming and I am sure that you will make new friends and will be met with a smile. Don't forget to visit the ISI booth at the Exhibition area and become an ISI + Association member, if you are not yet one.

At every WSC we gather to present, discuss, promote and disseminate research and best practice in every field of Statistics and its applications. This is done through the rich Scientific Programme (SP) prepared by the Scientific Programme and the Local Programme Committees. We have up to 20 parallel sessions taking place at any one time, presented via the classical Invited Paper, Special Topic and Contributed Paper Sessions (with oral, poster and poster plus modes). Make your choices of what to attend, and then enjoy the many sessions, presentations and discussions which will take place during the week. This event shows, like few others, the beauty of Statistics and its applications in all its breadth.

We also meet to network and exchange ideas and experiences in a welcoming environment. For this purpose, there are several other activities, including Lunch Time Round Table Discussions plus a range of special events during the week. Such events complement the main scientific programme and bring in additional opportunities for discussion and engagement, as well as for networking. Amongst these, there will be some ISI organised open meetings to discuss three of our core strategic initiatives for 2017-2021. Please consider the programme for these events when organising your calendar of activities during the WSC.

Make sure that you do not miss on the social front. ISI2017 will feature a variety of cultural attractions as part of the opening and closing ceremonies, the traditional cultural evening entertainment (Marrakech by Night), and the farewell dinner.

I hope that you will have a fantastic week here in Marrakech, and that you will share the excitement and experience the fun that is attending an ISI World Statistics Congress. When you go home, don't forget to spread the word about this event, to share what you have learned and to encourage your colleagues to come for the next one. See you around!





## Opening Ceremony, International Prize in Statistics, and Welcome Reception



**Date:** Sunday 16 July 2017 | **Time:** 16:00 to 19:00

**Venue:** Auditorium A.0.01, Palais des Congrès

All participants are invited to join the Opening Ceremony of the 61st ISI WSC.

The International Prize in Statistics will be awarded for the first time at ISI 2017. It was created in 2016 by five international statistical societies: American Statistical Association (ASA), International Biometric Society (IBS),

International Statistical Institute (ISI), Institute of Mathematical Statistics (IMS), and Royal Statistical Society (RSS).

There will be also performances by Dija -an oriental dance group- and Bola Bola (photo above) -a group of dakka marrakchia, a ritual and folk music.



Sir David Cox

the first winner of the International Prize of Statistics.

## Statistical approaches to measure environment and climate change impacts

This special event is organized jointly by the High Commission for Planning and the Moroccan Presidency of COP22, in consultation with the State Secretariat for Sustainable Development. It will take place in the Palais des Congrès (Auditorium A.-1.02) today, 16 July 2017, from 09:30 to 13:30.

The purpose of this event is to discuss issues pertaining to statistical measurement and quantification of environmental variables related to sustainable management of natural resources, climate change impacts, and risks of natural disasters.

The conference will also deal with capacity building in developing countries -especially African countries- to better collect, process, compile, analyze, and disseminate environmental statistics; and integrate them into their national statistical systems.

The conference will be co-chaired by the High Commission for Planning, the Moroccan Presidency of COP22, and the United Nations Statistics Division.



## ISI and NSSs-Partnerships for Statistical Development Sponsored by Elsevier

ISI and NSSs—Partnerships for Statistical Development

Sponsored by Elsevier

An informal lunch, organised by the ISI Executive Committee and sponsored by Elsevier, with three invited speakers will be combined with a floor discussion on the partnerships for statistical development between ISI and NSSs. Please register online at <https://www.isi-web.org/index.php/isi-nss> as soon as possible.

Lunch boxes will be provided.

Chair and organiser: Ivette Gomes, Vice-President, ISI

Invited speakers:

- Maurizio Vichi, President, FENStatS, "Intensifying the Collaboration between Users, Producers and Methodologists of Statistics via ISI and the Network of NSSs, NSOs and Universities"
- Andriette Bekker, Representative of the President of South Africa Statistical Association, "Out of Africa: Capacity Building—a South African Perspective"
- Jean-Louis Bodin, Representative of the President of the French Statistical Society, "International and National Statistical Societies: a Bulwark against Attacks on the Integrity of Statistics"

This event will take place tomorrow, Monday 17 July, in Room A.1.16 - Palais des Congrès, 12:30-14:00.

## ISI/RSS Author Workshop: Getting your paper published Sponsored by Wiley Publishers

This free workshop is for all future authors interested in learning how to publish their next paper, and will be especially valuable for young statisticians at the beginning of their careers, as well as those who have not yet published an article.

Editors of established journals Stat, ISR and RSS A, B, and C, along with Wiley's publishers, will give presentations about their journals and an overview of best practice in terms of submitting and reviewing papers. They will share guidelines on things to consider/ look out for when submitting a paper for publication, providing hints and tips for authors on how to improve their papers and their chance of acceptance. A question and answer session with the Editors and the Publisher will take place at the end of the workshop.

Speakers: Chris Skinner (RSS Publications), Marc Genton (Editor-in-Chief, Stat), Ray Chambers (Co-Editor-in-Chief, International Statistical Review), Nalini Ravishanker (Co-Editor-in-Chief, International Statistical Review), Helen MacGillivray (Editor-in-Chief, Teaching Statistics), Stephen Raywood (Journals Editor, Wiley).

This event will take place tomorrow, Monday 17 July, in Room A.-1.07 (KARAM 2) - Palais des Congrès, 10.30-12.30.

Register now at:

<https://www.isi-web.org/index.php/isi-rss-author-workshop>

## ISI Member and Young Statisticians mixer Sponsored by Wiley Publishers

The mixer will offer an opportunity for young WSC delegates to meet with ISI members, establish new friendships and renew existing ones. Soft drinks, wine, beer and a variety of canapés will be served. This event has been made possible thanks to the generous support of Wiley Publishers. The reception is by invitation only.

This event will take place tomorrow, Monday 17 July, in the Mövenpick hotel garden, 17:45-19:15.

## Women's Networking Breakfast Sponsored by L'Oréal Foundation

The Women's Networking Breakfast - organized by the ISI Committee on Women in Statistics and sponsored by L'Oréal Foundation - is an informal networking session, with breakfast, combined with round table discussions. These will be convened with people working in similar areas of statistics, in order to assist in the development of mentoring relationships.

Topics for discussion will be distributed at the breakfast, but if you have any topic or question you wish to be included, please email Diana Stukel ([dstukel@gmail.com](mailto:dstukel@gmail.com)) or Helen MacGillivray ([h.macgillivray@qut.edu.au](mailto:h.macgillivray@qut.edu.au)).

Please register online at <https://www.isi-web.org/index.php/womens-networking-breakfast>, or otherwise return the form below at the ISI booth no later than 14.00 on Monday 17 July.

Don't forget your business cards on the day in order to be entered into a prize draw.

This event is generously sponsored by L'Oréal Foundation.

Diana Stukel, Chair of the ISI Committee on Women in Statistics

This event will take place on Tuesday 18 July 2017, in Room A.1.16 (FEZ1) - Palais des Congrès, 7:30-9:00.

### Women's Networking Breakfast - Registration Form

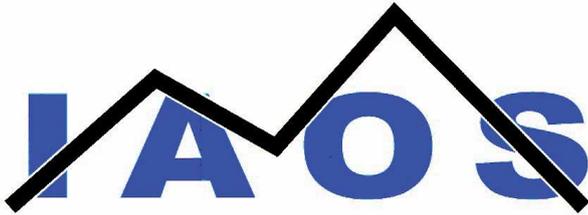
(registration closes on Monday 17 July at 14.00)

First and Last Name: \_\_\_\_\_

Country: \_\_\_\_\_

Area of interest: \_\_\_\_\_

E-mail: \_\_\_\_\_



IAOS Executive Committee at the IAOS2016 conference in Abu Dhabi

## International Association for Official Statistics (IAOS)

The demand for statistics that meet professional standards is internationally increasing. The IAOS strives to remain devoted to its mandate, members and partners. We knock on every door of opportunity to benefit official statistics in general and our statistical community in particular. The IAOS acknowledges the size of challenges ahead, but considers them as opportunities to grow through partnership and engagement of users.

The IAOS is an active participant in this ISI-WSC2017. IAOS members are presenting on a variety of topics related to official statistics.

The IAOS also organizes biennial conferences. These provide opportunities for producers and users to speak loudly about priorities & the values of official statistics, share successes and discuss the challenges of keeping pace with evolving needs. The 15th IAOS Conference was held in Abu Dhabi, United Arab Emirates, in 2016 and brought together over 500 delegates. The IAOS together with OECD will organize its 16<sup>th</sup> conference «Better Statistics for Better Lives». This will take place at the OECD headquarters located in Paris, France, from 19-21 September 2018.

SCORUS (Standing Committee of Regional and Urban Statistics), a sub-committee of IAOS, also organizes regular conferences on this critical specialist topic. See [scorus.org](http://scorus.org) for more information.

Every year, the IAOS organizes the Young Statisticians Prize (YSP). This competition gives young statisticians, the opportunity to present their scientific papers in the field of official statistics, addressing various topics from methodological or strategic angles and proposing solutions to issues of concern in the field. The winner of the 2017 competition will present his/her paper at this WSC conference (see the program for more details). Besides the YSP for the 2018 IAOS-OECD Conference, we will be inviting graduate students to present papers on the use of official statistics. The winners will receive joint IAOS-OECD awards.

The IAOS also publishes the quarterly Statistical Journal of the IAOS – SJIAOS. Manuscripts that promote the understanding of official statistics and its advancement on a global level are shared through SJIAOS.

If you want to know more about the IAOS activities and the future directions, please join the IAOS General Assembly (GA), on Monday 17 July from 12:30-14:00.

Additional information is available on the IAOS website:  
<http://www.iaos-isi.org/>  
Ola Awad  
IAOS President (2015-2017)

## Congress venue: Palais des Congrès

The Palais des Congrès is a representative example of Moroccan magnificent architecture. Situated in the heart of Marrakech, and only 10 minutes' walk from the Medina, the venue has built a reputation for excellence in the world by hosting international congresses and illustrious events for many years.

The Palais des Congrès provides many flexible spaces and services with 25 function spaces offering a capacity of 3,000 guests. Besides, the venue has indoor and outdoor spaces including lush gardens, five restaurants and a lounge with a rooftop terrace.





## How the Scientific Programme was put together

Dr Ruggeri told the Daily News that his experience has been very challenging and time-demanding, but he has been very gratified by the possibility of getting in touch with so many colleagues around the world who contributed excellent proposals for the Invited Paper Sessions (IPS). His work has been made possible by the dedication of the SPC, whose members made a remarkable job in promoting the WSC in their communities, including the ISI Associations, and then selecting IPS through a scoring process, followed by discussion in an SPC meeting in Marrakech, which led to a high-quality programme, representative of the different areas active under the ISI and its Associations' umbrella. The final months have seen a lot of activities in adjusting sessions to changes and addressing minor and major problems: Fabrizio Ruggeri wishes to thank Pedro do Nascimento Silva, Belkacem Abdous and Chun-Houh Chen (SPC Vice-Chair) for their incredible support.

Dr Fabrizio Ruggeri is Research Director at the Italian National Research Council in Milano, besides being Adjunct Professor at Queensland University of Technology in Brisbane (Australia) and faculty in the Ph.D. programmes in Mathematics in Milano Bicocca-Pavia (Italy) and in Statistics at the University of Valparaiso (Chile). He is former President of ISBA (International Society for Bayesian Analysis) and ENBIS (European Network for Business and Industrial Statistics) and, after the WSC, ISI Vice President and ISBIS President-Elect. He is Editor-in-Chief of Applied Stochastic Models in Business and Industry and the Wiley online encyclopaedia StatsRef. He is a Fellow of ISBA and American Statistical Association, besides being the first recipient of the ISBA Zellner Medal. He published 100 papers and authored or edited 5 books.



LPC was charged with managing Special Topic Sessions (STs) and Contributed Paper Sessions (CPSs) in coordination with SPC. The long-standing work of LPC to deliver a relevant, varied, and attractive programme has paid off. In fact, 25 academics and professionals from various institutions and universities have joined forces to deliver a programme consisting of 87 STs and 65 CPSs totaling 776 papers, besides IPSs. He also wanted to express his heartfelt thanks to all those who had contributed in one way or another to its setting up. LPC was chaired by Dr Abdous who is currently the Director of Statistics, High Commission for Planning (Morocco). He is a researcher at the Montreal Mathematic Research Centre since 2002, and a regular member of the Statistical Society of Canada since 1990. He was also a Council member of the Institute of Mathematical Statistics (IMS), and a member of the International Statistical Institute (ISI). Throughout his career, he published over 130 papers.



## OPHI's 2017 Summer School on Multidimensional Poverty Measurement and Analysis

This year's Summer School was co-organised in partnership with HCP as part of pre-conference activities of the ISI World Statistics Congress 2017. The courses were held in the Jardins de l'Agdal hotel, Marrakech, from 3 to 15 July 2017.

The summer school was led by OPHI Director Sabina Alkire and the OPHI team, including Adriana Conconi, Bouba Housseini, Usha Kanagaratham, Bilal Malaeb, Christian Oldiges, Monica Pinilla, and Nicolai Suppa.

The Summer School was comprised of instruction and working group sessions, taught in English, and spread in a period of 10.5 days. A final exam on Saturday 15 July 2017 ended the activities. Throughout the Summer School, participants were actively involved in discussions and worked through problem sets. They also presented their research work and shared their experiences



## ISI Short Courses

Among its rich and diversified scientific program, the ISI and its Associations, in close coordination and support with the High Commission for Planning, organized ISI2017 Short Courses from 13 to 15 July 2017 in the University of Medicine. Six courses were held during the 3-days programme, with 180 participants.





## Meet and Greet the ISI Permanent Office Staff in Marrakech

The ISI Permanent Office is responsible for supporting the ISI membership, the ISI Executive Committee and Council, the ISI Associations and the many ISI Committees and interest groups.

During the WSC, the ISI PO staff will be happy to welcome you, the WSC participants, to discuss ISI/Association matters or just to meet and greet!

The ISI Director, **Ada van Krimpen**, will be present in many administrative and scientific meetings. Take the chance to talk with her about any ISI/Association matters of importance to you.

**Shabani Mehta** will be ready to answer your questions about the ISI Associations and World/Regional Statistics Conferences.

The Membership Officer **Margaret de Ruiter-Molloy** and the Finance Manager **Michael Leeuwe** will be daily available at the ISI office in Room A004. Margaret and Michael will be available to answer your questions about our various types of membership and accept your membership fee payments. Michael will also help you with any other ISI financial questions you might have.

**Sofia Kapnisi** will be the contact point for the Daily News and WSC-related posts on Facebook and Twitter. Sofia can also schedule appointments with any member of the ISI Executive Committee.

**Justin van der Veeke** will be available for any ISI website matters and will take care of website postings throughout the Congress week.

The ISI booth in the Exhibition Hall (booth no1 in Platinum area 1) is opening today at 14:00 and will stay open until Thursday. Come by and talk to **Olivia van Dijck-Timbol** and **Rigselyn Jackson-Hortencia**. They will be pleased to answer your questions about ISI membership and services. **At the booth you can also make a selfie with a special WSC background!**

We look forward to meeting you this week!  
The ISI Permanent Office Team



The ISI Permanent Office Team:

L-R front: **Shabani Mehta**, **Rigselyn Jackson Hortencia**, **Olivia van Dijck-Timbol**, **Sofia Kapnisi**. L-R back: **Michael Leeuwe**, **Ada van Krimpen**, **Margaret de Ruiter-Molloy**, **Justin van der Veeke**

## Nominations for ISI Officers

The ISI Nominations Committee invites all members of ISI and Associations to suggest names for the posts of President, President-Elect, Vice-Presidents and Council members for the next round of ISI Officers' Elections. The suggestions should be sent to the Chair of the Nominations Committee (**Vijay Nair at [vnn@umich.edu](mailto:vnn@umich.edu)**) by 31 August 2017.



## Marrakech highlights: Jamaa el Fna square

The mystical Jamaa el Fna square is the most attractive place in Marrakech since its foundation in the 11th century. Combining trade with attraction, this vast square is bordered by shops for spices, fruits, babouches, leatherwear, and various craft products. It is also a live theater animated by musicians, story-tellers, snake charmers, soothsayer ladies, monkey trainers, etc. This traditional, popular, and lively landmark attracts over one million visitors each year and has been registered by UNESCO in 2001 as a Masterpiece of the Oral and Intangible Heritage of Humanity.



## Complimentary shuttle service

A shuttle service is offered from the six hotel zones to the Palais des Congrès.

Shuttle schedule:	Sun 16 July	Mon 17 July	Shuttle frequency:	
<b>Outbound route</b> (Hotel > Palais des Congrès)	08:00 a.m. to 03:30 p.m.	06:45 a.m. to 04:00 p.m.	<b>Peak hours</b>	Every 15 minutes
<b>Inbound route</b> (Palais des Congrès > Hotel)	11:00 a.m. to 07:45 p.m.		<b>Off-peak hours</b>	Every hour



### ISI2017 App

The Mobile App of the 61<sup>st</sup> World Statistics Congress is available for Ipad, Iphone, iOS, and Android devices. You may search for ISI2017 on Play Store or Apple Store or using this link: <http://bit.ly/ISI-app>

## WEATHER



^ 44°  
v 26°

Sunday 16 July 2017



^ 41°  
v 24°

Monday 17 July 2017



^ 39°  
v 22°

Tuesday 18 July 2017



^ 37°  
v 19°

Wednesday 19 July 2017



^ 35°  
v 18°

Thursday 20 July 2017



^ 35°  
v 19°

Friday 21 July 2017

## Emergency numbers

Police (security in urban areas) : **19**

Royal Gendarmerie  
(security outside urban areas) : **177**

Tourist Police :  
**+212 5 24 38 46 01**

Fire Brigade / Ambulance : **15**