



**“Of waters and persons – balneology: the new decade”**  
*Curation, prevention, development, sustainability, research,  
education, training, ...*

**International Society of Medical Hydrology and Climatology**



***The website offers registration and  
abstract submission from February 2020***

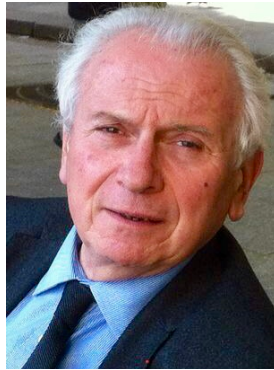
<https://www.ismh-dax2020.com/>  
email: [ismhdax2020@gmail.com](mailto:ismhdax2020@gmail.com)

**DAX- FRANCE**



**2020 JUNE 18, 19, 20**

# Welcome by the President of the Congress



## **ISMH 45<sup>TH</sup> CONGRESS - DAX 2020 June 18, 19, 20**

**20** CENTURIES AGO, THE TROOPS OF THE FAMOUS ROMAN GENERAL CNEIUS POMPEIUS MAGNUS, WERE ALREADY BENEFITING FROM THE DAX MATURATED MUDS. THE ROMAN SOLDIERS RETURNED HOME LONG AGO, BUT PATIENTS WITH MUSCULO-SKELETAL CONDITIONS CONTINUE TO BE SUCCESSFULLY TREATED. THE PELOIDS MADE DAX ONE OF THE MOST ANTIQUE, MUCH-ACCLAIMED AND ACTIVE SPA RESORT IN FRANCE.

**20** YEARS AGO, AN ACADEMIC INSTITUTE WAS CREATED IN DAX. IT IS DEDICATED TO THE TRAINING OF PROFESSIONALS FOR BALNEOTHERAPY CARE FACILITIES AND OTHER HYDROTHERAPY ACTIVITIES AS WELL AS TO SCIENTIFIC RESEARCH. THE DAX INSTITUTE WILL HOST THE VENUE OF THE **45TH ISMH CONGRESS**. WE HOPE THE DELEGATES WILL SHARE THE BEST AND MOST NOVEL OF THE SCIENTIFIC KNOWLEDGE AND PROFESSIONAL EXPERIENCES.

**2020** JUNE 18, 19, 20, DAX WILL BE PROUD TO OFFER YOU THE TRADITIONAL AND CELEBRATED HOSPITALITY OF THE SOUTH-WEST OF FRANCE. I AM SURE ALL OF YOU WILL ENJOY IT.

WELCOME IN DAX.

**PROFESSOR CHRISTIAN-F. ROQUES MD**  
PRESIDENT OF THE CONGRESS

## Address by the President of the ISMH



Dear Colleagues and Friends,

Welcome to the 45<sup>th</sup> World Congress of Medical Hydrology.

The International Society of Medical Hydrology (ISMH) is proud to have its 45th Congress in Dax under the Presidency of Prof. Christian-François Roques-Latrille.

France has a great tradition in Balneology. Not only historical but also in scientific, social and cultural aspects. Dax is a very good example of this with its rich history and its Institute of Thermalism where Education and Research get together allowing a very important development on Balneology knowledge. Thus, having an ISMH Congress in this thermal city constitutes a very special occasion. We are expecting participants from all over the world. ISMH is spreading its presence on more places allowing the contact of scientists from different countries, regions and cultures. With this we are giving people more opportunities to share their knowledge and experience with their colleagues from all over the world. I am convinced that the presentations within the proposed topics will reach a high level and will interested you. Besides the scientific contents this congress aims to increase the participation of all the ISMH members in its activities. To start this process we would like to invite you all to our General Assembly to share and discuss our ideas and future plans. We will talk there about statutes review, website renewal, financial situation, next congresses, international courses, cooperation with other balneology institutions. For this we do need the contribution of all of you.

In conclusion we may say that this 45th Congress has many important aspects to the future of Medical Hydrology. We trust on a good participation in the success of the organization. Wish you a fruitful meeting and a wonderful stay in Dax that can bring you excellent memories.

Sincerely yours,

Pedro CANTISTA  
ISMH President

## ORGANISATION

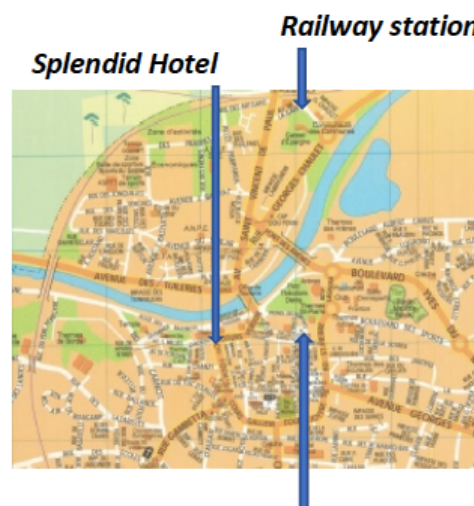
### OFFICIAL LANGUAGE OF THE CONGRESS

**English is the official language of ISMH Congresses.**

All the documents, correspondence, abstracts of scientific papers, presentations and discussion in scientific sessions, website will be in English.

### VENUE

**Institut du Thermalisme**  
**8 rue Sainte-Ursule**  
**40100 DAX**  
**18, 19, 20 June 2020**



*Institut du Thermalisme – Venue of the Congress*

### TRANSPORTS

- **Railways:** Dax station (High Speed Trains from Paris, Biarritz, Bordeaux, Lourdes...).
  - **Train (high speed) from Paris:** 3h22, from 72€
  - From the Dax station easy transports to the hotels of the congress by public free shuttle, taxis, ...
- **Air transport:**
  - **Biarritz airport:** shuttle for Biarritz railway station (Chronoplus N4 or Car express N3 - 1.2 €); train for Dax, 40 mn, from 10 €.
  - **Bordeaux airport:** shuttle airport railway station (30 mn) - 8 €; train for Dax, 75 mn, from 26 €.
  - **Lourdes airport:** shuttle for Lourdes railway station (bus N2 - 2 €); train for Dax, 80 mn, from 16 €.

### ACCOMMODATION

- The different sites of the congress (venue, hotels, restaurants, social events) are in a perimeter of easy and short walk.
- All the hotels are close to the congress venue

- Accommodation must be purchased by direct contact with hotels (see table below)
- Have a glance to the website hotels but **have the contact with the hotels by email.**

HOTEL (distance from the venue of the congress)	CATEGORY	BED & BREAKFAST 1 night Single/Double or Twin (€)	WEBSITE	email
<b>Splendid</b> (250 m)	****	<b>105 (S) / 117 (D,T)</b>	<a href="https://www.splendid-hotel-spa.com/">https://www.splendid-hotel-spa.com/</a>	<a href="mailto:splendid@vacancesbleues.fr">splendid@vacancesbleues.fr</a>
<b>Wasconia</b> (500 m)	****	<b>89 (S) / 100 (D/T)</b>	<a href="https://wasconia.fr/">https://wasconia.fr/</a>	<a href="mailto:contact@wasconia.fr">contact@wasconia.fr</a>
<b>Thermotel</b> (400 m)	***	<b>60 (S) / 65 (D-T)</b>	<a href="https://www.thermes-berot.com/">https://www.thermes-berot.com/</a>	<a href="mailto:thermotel@berot.com">thermotel@berot.com</a>
<b>Ibis Styles</b> (500 m)	***	<b>72 (S) / 82 (D-T)</b>	<a href="https://www.hotelmiradour.fr/">https://www.hotelmiradour.fr/</a>	<a href="mailto:H8709-GM@accor.com">H8709-GM@accor.com</a>
<b>Miradour</b> (500 m)	***	<b>58 (S) / 76 (D-T)</b>	<a href="https://www.hotelmiradour.fr/">https://www.hotelmiradour.fr/</a>	<a href="mailto:reception.miradour@orange.fr">reception.miradour@orange.fr</a>
<b>Résidence de l'Avenue</b> (350 m)	***	<b>87 (S) / 93 (D-T)</b>	<a href="http://www.thermes-avenue.com/">http://www.thermes-avenue.com/</a>	<a href="mailto:info@thermes-avenue.com">info@thermes-avenue.com</a>
<b>Grand Hotel</b> (250 m)	***	<b>70 (S) / 90 (D-T)</b>	<a href="https://www.thermes-dax.com/hotels/grand-hotel/">https://www.thermes-dax.com/hotels/grand-hotel/</a>	<a href="mailto:qtadirghohot@thermesadour.com">qtadirghohot@thermesadour.com</a>
<b>Résidence les Thermes</b> (250 m)	***	<b>60 (S) / 65 (D-T)</b>	<a href="https://www.lesthermesdax.fr/">https://www.lesthermesdax.fr/</a>	<a href="mailto:contact@lesthermesdax.fr">contact@lesthermesdax.fr</a>

- For other accommodation solutions you can use Dax Tourism Office resources

<https://www.dax-tourisme.com>

## REGISTRATION

### FEES

	JANUARY-APRIL	MAY - JUNE	ON SITE
<b>DELEGATE NON ISMH MEMBER</b>	<b>250 €</b>	<b>300 €</b>	<b>350 €</b>
<b>DELEGATE ISMH MEMBER</b>	<b>200 €</b>	<b>250 €</b>	<b>300 €</b>
<b>ACCOMPANYING PERSON</b>	<b>150 €</b>	<b>150 €</b>	<b>150 €</b>
<b>TRAINEES</b>	<b>150 €</b>	<b>150 €</b>	<b>150 €</b>

#### The fees include

- congress scientific sessions,
- coffee-breaks,
- Thursday and Friday lunches,
- Thursday get-together party,
- Friday gala dinner

**Special fees can be obtained for groups (from 5 persons)  
please contact the organization committee**

## ON-LINE REGISTRATION

Online registration is possible through the website; direct payment needs credit card (see table of the fees rates).

Payment is also possible using previous bank transfer (references of the bank transfer will be demanded at registration).

The registration will be considered when the payment of the fees is completed.

## SCIENTIFIC INFORMATION

### LECTURES, COMMUNICATIONS

#### TOPICS

- **Actual medical and/or medico-economic benefits:** Evidence Based Medicine in the usual conditions treated in spa resorts
  - rheumatology and musculoskeletal conditions,
  - respiratory and ENT conditions,
  - metabolic conditions,
  - stress related disorders,
  - skin disorders,
  - heart and vessels conditions, phlebology,
  - neurological disorders,
  - digestive conditions,
  - kidney and urinary tract disorders,
  - gynecological tract,
- **particular trends,**
  - ageing,
  - children,
  - cancer survivors, post-cancer care,
  - chronic pain, ...
- **The persons taking the waters,**
  - expectations,
  - satisfaction,
  - appreciation of the results,
  - adverse events, ...
- **Medical climatology - climatic transition**
  - Climate related conditions and therapeutic effects of climate
  - Climatic transition and health
- **Prevention, patients' education,**
  - The spa resort as a privileged place of education
  - Prevention at the different stages of prevention,
  - Education of the patients: health education, therapeutic education,
- **Rehabilitation,**
  - The spa resort as a useful place for rehabilitation
  - The different conditions for which rehabilitation can be implemented in balneology care facilities, ...
- **Thermal products (*muds, waters, gases, ...*),**
  - Biology,
  - Therapeutic properties and use,
  - Safety, quality, sustainability, ...



- **Mineral elements,**
  - Biological actions
  - Therapeutic properties, ...
- **Drinking mineral waters,**
  - Biological actions,
  - Therapeutic use, ...
- **Thermal care facilities, technique and equipment,**
  - Quality issues,
  - Management, ...
- **Health resort medicine:** medical and management challenges, ...
- **Innovative models of resorts organization and cooperation,**
- **Health resorts medicine and economics,**
  - Principles of assessment,
  - Economic and medico-economic,
  - Data obtained, ...
- **Methodology of clinical research,**
  - Interest and limits of the most usual paradigms used in clinical balneology,
  - Novel paradigms of investigation,
  - Clinical research protocols, ...
- **Mechanisms of action,**
  - On the different systems of the body,
  - Of the components of balneological treatment,
  - Of the health resort stay, ...
- **Scientific investigation on economics, products and processes,**
  - Paradigms of investigation,
  - Results in the different investigated areas, ...
- **Institutions and balneology,**
  - scientific societies, academies, international bodies, ...
  - international cooperation and initiatives, ...
- **Training of the doctors and involved professions,**
  - Balneology in the basic training of these different professions,
  - Training to balneology practice in the different professions involved,
  - ...
- **Balneology, history, culture and arts**
- **Varia** (miscellaneous), ...

## SCIENTIFIC SESSIONS

- **Duration 90 min**
- **Major dedicated session** with one invited keynote lecture and four 10-min-oral communications chosen among the submitted papers.
- **Thematic sessions:** six 10-min-oral communications on a particular topic of the congress.
- **Free papers sessions:** six 10-min-oral communications on miscellaneous.
- **Electronic posters sessions:** twelve poster communications with 5-min-oral presentation of the congress on large screen. The poster sessions will be made of thematic posters sessions and free papers posters sessions. The papers will be address in a poster session according to the demand of the authors and/or the decision of the scientific committee.

## ABSTRACTS GUIDELINES

Authors wishing to present papers to the ISMH 45<sup>th</sup> congress must submit a **4000-character (max, spaces included) abstract** (in English) for review by the Scientific Committee (see *ISMH Abstract template page*).

All abstracts must be submitted electronically via the Submission page.

## Abstract submission deadline: 2020 April 30.

Scientific papers on all topics related to the conference themes are welcome for consideration as oral or poster presentation (see topics).

The Scientific Committee will review all received abstracts. The title has to be as clear as possible and the abstract has to provide a precise objective of the research project, the significance of the research, the experimental procedures and equipment used, the results obtained, and the conclusions reached. All abstracts should acknowledge the source of funding that support the work.

Titles and co-authors cannot be changed/added/deleted after the abstract submission. Be certain your information is complete and correct upon abstract submission. All submitted abstracts are considered confidential. To maintain confidentiality, only members of the Scientific Committee will be permitted access to the abstract. The Scientific Committee reserves the sole right to accept or reject any abstract for any reason.

The registration of at least one author during early bird registration is required for paper acceptance and publication in the Conference Proceedings. The presenting author must be registered.

Authors will be notified as early as possible, via email, of the status of their abstracts and will be given detailed instructions regarding their presentations.

## ABSTRACT EXAMPLE

### TYPE THE TITLE – USE CAPITALS – Times New Roman

**Presenting Author** (first name in full followed by family name), **Author 2** (initials followed by family name), **Author 3**, etc

**University and or company, dept, city, country (no street addresses nor zip codes)**

**Email of presenting author**

**Keywords:** Maximum five keywords separated by; semi-colons

### Introduction

Write your abstract here, use Times New Roman 11 and one and a half line spacing. The entire document cannot exceed two pages (8000 signs, spaces included).

Reference (Durand et al., 2001; Harvey, 2014).

### Methods

### Results

**Table 1.** This is a style for Table Titles. “Table 1, 2 etc” should be in bold. Table captions should appear above tables.

Title column 1	Title column 2	Title column 3
Value	.	.
.	.	.

**Figure 1.** This is a style for Figure legends. “Figure 1, 2 etc” should be in bold. Figure legends should appear below figures.

### Conclusion

### References

This is the style for referencing, Times New Roman 10 point (Vancouver system).



## AWARDS

### List of the awards

PATRONAGE BODY	DESIGNATION OF THE AWARD	AMOUNT (€)	CRITERIA
NEW AQUITAINE REGION	Training of doctors and allied professions	500	Best paper (oral or poster presentation) on the issue
LANDES COUNCIL	Young Scientist Contest	1000	Oral presentation from a scientific Paper (English, impact factor) or doctoral thesis used as the basis of a PhD graduation obtained from 2017
DAX CITY & AGGLO	Muds : science, therapy, sustainability	1000	Best paper (oral or poster presentation) on the issue
DAX CITY & AGGLO	Prevention, patient education	500	Best paper (oral or poster presentation) on the issue
AQUI'O THERMES	Technical and/or managerial innovation	500	Best paper (oral or poster presentation) on the issue
CNETH	Best innovation in medical balneology	1000	Best paper (oral or poster presentation) on the issue
AFTH	Best hydrothermal techniques	500	Best paper (oral or poster presentation) on the issue
SFMT	Best oral presentation	500	
SFMT	Best poster presentation	500	
AFRETH	Best paper published from 2017	1000	Best paper published from 2017 (English, impact factor)
AFRETH	Best protocol of clinical trial	500	Best paper (oral or poster presentation) on the issue

### General conditions of application to the different awards

- The delegate applying for an award will have to be registered.
- Invited guests are not eligible to an award.
- The delegate will have to apply formally for an award.
- Application for an award is not compulsory.
- On the abstract submission form the delegate will have to tick the chosen award for the considered paper.
- The jury will determine if the papers are in the scope of the award filed for.
- The candidate to the award will have to be the presenting author.
- A paper will compete only in one category of award.
- A presenting author will be allowed to compete only in one category of awards.
- Particular conditions for the awards will have to be considered according to the information given on the congress website.

## TIMETABLE

### Thursday - 2020 June 18th

08:00 - 09:00 am: registration  
09:00 - 10:30 am: scientific session(s)  
10:30 - 11:00 am: coffee break  
11:00 - 12:30 am: scientific session(s)  
12:30 - 02:00 pm: lunch  
02:00 - 03:30 pm: scientific session(s)  
03:30 - 04:00 pm: coffee break  
04:00 - 05:30 pm: scientific session(s)  
**08:30 pm: get-together party**

### Friday - 2020 June 19th

09:00 - 10:30 am: scientific session(s)  
10:30 - 11:00 am: coffee break  
11:00 - 12:30 am: scientific session(s)  
12:30 - 02:00 pm: lunch  
02:00 - 03:30 pm: scientific session(s)  
03:30 - 04:00 pm: coffee break  
04:00 - 05:30 pm: scientific session(s)  
06:00 - 08:00 pm: « *Dax Institut du thermalisme* » XXth birthday ceremony  
09:00 pm: *gala dinner, awards ceremony*

### Saturday - 2020 June 20th

09:00 - 10:30 am: scientific session(s)  
10:30 - 11:00 am: coffee break  
11:00 - 12:00 am: ISMH General Assembly  
12:00 am: *end of the Congress*

## SOCIAL PROGRAMME

- Thursday, June 19<sup>th</sup>, 8:30 pm get together party
- Friday, June 20<sup>th</sup>, 9:00 pm gala dinner and award ceremony
- Programme for accompanying persons
  - Excursions
  - Wellness cares