

MinWat2014

International Multidisciplinary Conference on

Mineral Waters

Genesis, Exploitation, Protection and Valorisation

Karlovy Vary (Carlsbad), Czech Republic, 8-11 September 2014



Version 22 March 2014

In addition to the accompanying general flyer about the MinWat2014 conference, this flyer provides information about

Theme C: BALNEOLOGY — BALNEOTHERAPY AND BALNEOTECHNICS

Web site: <http://minwat2014.vuv.cz/>

**Abstract submission deadline was February 9, 2014. After February 9, 2014, in principle for posters only.
... late abstracts for oral presentation on request possible.**



Conference structure – updated (February 2014)

All presentations (themes A, B and C) during the entire conference time will be held in **plenary way**, i.e. in one lecture hall only. The programme during each day will consist of a number of presentation time blocks, each of these time blocks being devoted to a certain theme. At the beginning of each day – and at the beginning of most presentation time blocks – **introductory keynote lectures** will be held. The main objective of these keynote lectures will be the presentation of typical problems existing in the fields of hydrogeology-hydrogeochemistry (theme A), bottled mineral water (theme B), and **balneology (theme C)**. These introductory keynote lectures are intended also for colleagues from other disciplines. By doing so, the experts from, for example, water bottling and balneology will learn about current issues in the field of hydrogeology and hydrogeochemistry, and vice versa, of course. The invited keynote lectures (30 minutes) will be followed by a series of **regular oral presentations** (15 or 20 minutes). Most presentations are expected from themes A and B. Also possibility to present the work by means of **posters**.

Themes and Topics

The conference will be an opportunity for official or informal meetings of leading players in the field of mineral waters: hydrogeology and hydrogeochemistry, water bottling, and balneology. The conference involves the following three themes:

Theme A: HYDROGEOLOGY AND HYDROGEOCHEMISTRY — ORIGIN, PROTECTION AND MANAGEMENT

Represented by the International Association of Hydrogeologists (IAH), the International Association of Hydrological Sciences (IAHS), and Fachsektion Hydrogeologie in der Deutschen Geologischen Gesellschaft Hydrogeology Section of the German Geological Society (FH-DGG)

Theme B: BOTTLED WATER — MARKET AND DEMAND, HEALTH ISSUES

Represented by the European Federation of Bottled Waters (EFBW)

Theme C: BALNEOLOGY — BALNEOTHERAPY AND BALNEOTECHNICS

*Represented by the International Society of Medical Hydrology and Climatology (ISMH), World Federation of Hydrotherapy and Climatotherapy (FEMTEC), and the European Spas Association (ESA) **THIS FLYER***

Theme C: BALNEOLOGY — BALNEOTHERAPY AND BALNEOTECHNICS

Theme C includes the following topics:

- C.1. Medical use of radon-rich mineral waters – locomotion apparatus diseases
- C.2. Medical use of carbonated mineral waters – breathing apparatus diseases
- C.3. Medical use of the sulphuric waters – skin diseases
- C.4. Medical use of mineral waters in the field of gastroenterology
- C.5. Treatment of neurological diseases
- C.6. Treatment of metabolic disorders
- C.7. Treatment of other diseases – dermatology and psychiatry
- C.8. Use of mineral waters in the field of sports rehabilitation
- C.9. Application of mineral waters for cosmetology

The **topics** within themes A and B are outlined in other specific flyers, or can be found on the conference web site.

Theme C is, in either case, relevant for

- professionals (medical practitioners, balneotherapists, physiotherapists, etc.) for whom the mineral water is a tool used for treatment of various diseases and their prevention. There exists a broad spectrum of issues, which are dealt with in **balneology, i.e. balneotherapy and balneotechnics**. Experts in this group are represented mostly by physicians who use mineral waters for medicinal procedures, for complex balneotherapy and physiotherapy.
- administrations (local, regional, national, European, etc.) that evaluate projects aimed at development of new sources of natural mineral waters. It also includes professionals and administrators involved in designing the regulatory measures for safeguarding and protection of natural mineral water resources.

Scientific Advisory Committee for Theme C

Please refer also to the conference web site for members of the Scientific Advisory Committee affiliated with Theme C:

- *Pedro Cantista*, President of the Portuguese Society of Medical Hydrology, Professor of Medical Hydrology in the University of Porto, Medical Doctor - Physical and Rehabilitation, Portugal
- *Antonella Fioravanti*, Department of Clinical Medicine and Immunology, Rheumatology Unit, University of Siena, Siena, Italy
- *M. Zeki Karagülle*, President of International Society of Medical Hydrology and Climatology (ISMH), Professor of Medical Ecology and Hydroclimatology, Director of Department of Medical Ecology and Hydroclimatology, Istanbul Medical Faculty, Istanbul University, Turkey
- *Francisco Maraver*, Escuela Profesional de Hidrología Médica, Facultad de Medicina – Universidad Complutense Madrid, Spain
- *Yoshinori Ohtsuka*, Department of Human Developmental Science, Faculty of Education, Hokkaido University, Japan
- *Christian-François Roques*, Emeritus Professor Physical & Rehabilitation Medicine, Toulouse University; President AFRETH (French Association for Thermal Research) Scientific Committee, Paris; Dax Thermal Institute President (Bordeaux University), France
- *Umberto Solimene*, State University of Milan, Italy. President of Research Center for Medical Bioclimatology, Balneotherapy, Complementary Medicine and Wellness Sciences; Postgraduate Medical School for Balneotherapy; Director of World Health Organization (WHO) Collaborating Center for Traditional Medicine; Secretary General of the World Federation of Hydrotherapy and Climatotherapy (FEMTEC)

Venue – Karlovy Vary (Carlsbad)

Transportation from Prague Airport to Karlovy Vary and vice versa

The conference will be held in the Hotel Thermal, in the famous spa city Karlovy Vary (Carlsbad in English), about 130 km west of Prague.

Karlovy Vary was founded by the King of Bohemia, and Holy Roman Emperor Charles IV in 1358. The maximum temperature of the thermal springs is 73.4°C. You can make use of the Student Agency bus connection (every hour) between Prague, Prague Airport and Karlovy Vary, and vice versa. For details see "Transportation / Travel" on the conference web site.

