

## MinWat2014,Outline\_of\_tentative\_sessions\_and\_programme\_15-07-2014.xlsx

**This document is an OUTLINE (rough sketch) of ORAL presentations for the MinWat2014 conference.**

**The document includes the timing (day and time) of your presentation.**

**The titles of the sessions in this document are not yet final.**

Information in this OUTLINE is useful and sufficient for planning your travel and stay at the conference.

The first version of the detailed conference programme will be available about one month before the start of the conference.

The timing of your presentation in the detailed conference programme may slightly differ from the timing in this outline.

**Three conference themes are distinguished:**

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

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

**Theme C: BALNEOLOGY — BALNEOTHERAPY AND BALNEOTECHNICS**

**The opening of the POSTER SESSION is planned for Tuesday 9 September in the morning.**

*Abs-ID* is the abstract identification number, as you can find it via

"Click here to download list of abstracts accepted for oral/poster presentation (PDF)"

on the conference home page <http://minwat2014.vuv.cz/>

A dash ('-') at some presentations indicates that no abstract was submitted.

### **Monday, 8 September 2014**

Opening of Conference 12:30 -13:00

Mr Zbynek Hrkal, organizers

Mr Alessandro Pasquale, Mattoni, Karlovarské minerální vody, a.s.

Mayor of the city Karlovy Vary

Mr Zdenek Triskala, Ministry of Public Health of Czech Republic

Mr Karel Kovar, organizers, practical issues

## Introductory keynote lectures FOR ALL THEMES 13.00 - 15:00

time(min)	Abs-ID	Theme	Speaker	Presentation
30	-	B	Jean-Pierre DEFFIS	European bottled water sector: Challenge and opportunities
15	-	B	Fosselard	Bottled water market: Key statistics
30	-	B	Moreau	Original purity: A defining characteristic in natural mineral waters
30	78	A	Lachassagne	Guarantying the purity of Natural Mineral Water: the 20 years technical and socio-economic Evian experience conciliating collective responsibility for environment protection, and local development
15	n.a.	n.a.	n.a.	<i>void slot</i>

## Coffee break 15:00 - 15:30

## Introductory keynote lectures FOR ALL THEMES 15.30 - 17:00

time(min)	Abs-ID	Theme	Speaker	Presentation
30	76	A	Fórizs	The origin of Hungarian bottled mineral waters by environmental isotopes
30	74	B / C	Zadak	Drinking regime and mineral deficits – a myth or a serious problem?
30	32	B / C	Roques	Drinking mineral waters, the actual medical benefit – data of evidence

## WELCOME / ICEBREAKER

## Tuesday, 9 September 2014

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

## Session Ensuring Quality of Natural Mineral Water 8:30 - 10:00

time(min)	Abs-ID	Theme	Speaker	Presentation
30	-	B	Budzinski	Analysis of ultra-traces in bottled water: The risk of false positives and how to avoid them
30	-	B	Kreuter	Ensuring and maintaining the highest quality for natural mineral and spring waters
30	-	B	Störmer	Bottled water packaging - What about safety issues?

## Coffee break 10:00 - 10:30

**Theme C: BALNEOLOGY — BALNEOTHERAPY AND BALNEOTECHNICS 10:30 - 12:00**

time(min)	Abs-ID	Theme	Speaker	Presentation
30	33	C	Roques	Balneotherapy for common metabolic conditions – the French experience
30	47	C	Ohtsuka	Effects of health promotion activity utilizing hot spring water on glucose metabolism and physical fitness
15	67	C	Maraver	Stroke treatment in health resorts

**LUNCH 12:00 - 13:30****Theme A: HYDROGEOLOGY AND HYDROGEOCHEMISTRY — ORIGIN, PROTECTION AND MANAGEMENT****Session A 3 Typology of natural mineral waters from the regional to the continental scale, quality 13:30 - 15:00**

time(min)	Abs-ID	Theme	Speaker	Presentation
30	14	A	Reimann	A continental-scale survey of the geochemistry of bottled water
15	22	A	Carreira	Regional spatial distribution of mineral waters (N-Portugal): an isotopic and geochemical approach
15	45	A	Wishart	Evaluation of mineralized waters of eastern and central Jamaica from chemometrics
15	51	A	Todorović	Hydrogeochemistry of mineral waters of Serbia
15	93	A	Balderer	The Thermal spring of Bad Ragaz Switzerland: Characterisation of origin, chemical properties and observed variations of fluorescence spectra

**Coffee break 15:00 - 15:30****Theme B: BOTTLED WATER — MARKET AND DEMAND, HEALTH ISSUES****Session TITLE? ? 15:30 - 17:00**

time(min)	Abs-ID	Theme	Speaker	Presentation
30	-	B	Pruvost	Bottled water packaging: Waste or resource?
30	-	B	Bériot	How can bottlers promote natural mineral water?
30	-	B	Le Bellego	Adequate water intake: Establish dietary guidelines and promoting hydration – a public policy perspective

**CONFERENCE DINNER**

**Wednesday, 10 September 2014****Theme B: BOTTLED WATER — MARKET AND DEMAND, HEALTH ISSUES****Session Drinking Natural Mineral Waters and Health Aspects 8:30 - 10:00**

time(min)	Abs-ID	Theme	Speaker	Presentation
30	60	B	Maraver	Calcium content of Spanish natural mineral water and efect on health
15	7	B	Razowska-Jaworek	Are bottled mineral waters in Europe liquids for hydration or sources of essential mineral nutrients for a human health?
15	89	B	Makarushin	The issues of claiming medicinal effect of bottled sodium-bicarbonated mineral water
15	31	B	Vázquez	Determination of pesticides in water samples using solid phase extraction (SPE) combined with gas chromatography mass spectrometry (GC-MS/MS) in water analysis laboratory
15	26	B	Wu	Discussion on the quality problems of bottled water in China – Case study of Nongfu Spring “quality crisis”

**Coffee break 10:00 - 10:30****Theme A: HYDROGEOLOGY AND HYDROGEOCHEMISTRY — ORIGIN, PROTECTION AND MANAGEMENT****Session A1 The need of hydrogeological integrated studies for the good knowledge, management and protection of natural mineral waters 10:30 - 11:30**

time(min)	Abs-ID	Theme	Speaker	Presentation
30	80	A	Lachassagne	The need of a multidisciplinary approach for determining the structure and hydrogeochemical functioning of complex sparkling natural mineral water systems: a case study from southern France
15	17	A	Alexeeva	Siberian Platform hydromineral resources: an updated analysis
15	64	A	Blake	A multi-disciplinary investigation of Irish warm springs and their potential for geothermal energy provision

**Theme A: HYDROGEOLOGY AND HYDROGEOCHEMISTRY — ORIGIN, PROTECTION AND MANAGEMENT****Session A2 Protection and conservation of natural mineral water resources, quantity, quality 11:30 - 12:00**

time(min)	Abs-ID	Theme	Speaker	Presentation
15	58	A	Thomson	What fracking means to the UK mineral water industry – a review
15	83	A	Laffly	Optimizing pumping rates at Jelesnia wellfield using groundwater flow modelling in conjunction with contrasted hypothetical climatic scenarios

**LUNCH 12:00 - 13:30**

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

## Session A4 Environmental isotopes, dating tracers, and hydrogeochemical processes for characterizing natural mineral water 13:30 - 15:00

time(min)	Abs-ID	Theme	Speaker	Presentation
30	92	A	Balderer	Isotopic investigation of the origin of ammonia and nitrate in the mineral spring waters of Scuol / Lower Engadine, South Eastern Switzerland
15	81	A	Lachassagne	Use of several environmental dating tracers with lumped parameter models for the understanding of complex natural mineral water systems (Evian, France, case study)
15	66	A	Bonotto	Radioactivity due to dissolved radium in Brazilian mineral waters
15	18	A	Marques	A conceptual model for Cabeço de Vide mineral waters (Portugal): Abiotic methane from low temperature serpentinization as a potential analog for planetary water-rock interaction
15	n.a.	n.a.	n.a.	<i>void slot</i>

## Coffee break 15:00 - 15:30

## Theme C: BALNEOLOGY — BALNEOTHERAPY AND BALNEOTECHNICS 15:30 - 17:00

time(min)	Abs-ID	Theme	Speaker	Presentation
15	35	C	Roques	Balneotherapy for anxiety and psychotropic drug withdrawal
15	90	C	Badalov	Hydrocarbonate mineral water in the treatment and prevention of the digestive diseases
15	59	C	Stefanovski	The effects of sulphuric mineral water on experimental osteoporosis
15	65	C	Maraver	Skin effects of peloids prepared with sulphur mineral water from “Termas De Cuntis Spa” according to their maturation time
15	34	C	Roques	Balneotherapy and common musculo-skeletal conditions, data from randomised controlled trials
15	19	C	Jokić	Maturation of the peloid of Banje Koviljaca

## Thursday, 11 September 2014

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

## Session A6 Regulatory and marketing issues 8:30 - 9:15

time(min)	Abs-ID	Theme	Speaker	Presentation
15	1	A	Zarhloule	Investment opportunity in Morocco: case thermal and mineral water
15	52	A	Nikipelova	Algorithm of study of mineral waters in Ukraine

15	38	A	Sora	Development and implementation of a regulatory framework in the field of classification and assessment of resources/reserves of natural mineral water, therapeutic mineral water and geothermal water
Theme A: HYDROGEOLOGY AND HYDROGEOCHEMISTRY — ORIGIN, PROTECTION AND MANAGEMENT				
Session A4 Environmental isotopes, dating tracers, and hydrogeochemical processes for characterizing natural mineral water 9:15 - 9:45				
time(min)	Abs-ID	Theme	Speaker	Presentation
15	28	A	Baumann	Pesticide metabolites as tracers in deep groundwater
15	63	A	Katsuyama	Isoscapes of bottled water as a tool for global groundwater resources monitoring

**Coffee break 9:45 - 10:15**

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

## Session A5 Case studies 10:15 - 12:00

time(min)	Abs-ID	Theme	Speaker	Presentation
30	79	A	Lachassagne	Role of deep fractures and ancient weathering profiles in a hard rock sparkling natural mineral water hydrosystem
15	73	A	Shugg	A model for the origin of carbonated mineral waters of Central Victoria
15	16	A	Piscopo	Mineral waters of Castellammare di Stabia (Southern Italy): a particular case of seawater intrusion in a carbonate aquifer
15	82	A	Marković	Geochemical characteristics of the Daruvar thermal aquifer
15	55	A	Marcin	A new look at the hydrogeological structure of thermal waters in Piešťany Spa, Slovakia
15	50	A	Abramov	Essentuky mineral water: origin and resources

**12:00-12:30 Closing conference****12:30-14:00 Lunch***Departure*