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THE 70° GENERAL ASSEMBLY  
AND  
INTERNATIONAL SCIENTIFIC CONGRESS  
OF THE WORLD FEDERATION  
OF HYDROTHERAPY AND CLIMATOTHERAPY  
(FEMTEC)

# **“THERMAL CLUSTERS”**

## ***Status, proposals and strategies for health care and local development***

Ischia Porto (Naples, Italy), 15<sup>th</sup> – 20<sup>th</sup> October 2017



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## **PREFACE**

Representatives and experts from 23 countries will participate in the **FEMTEC Congress**, which will take place at **Ischia Porto (Naples) on October 15-20, 2017** on occasion of the **80<sup>th</sup> anniversary of the foundation of the World Federation of Hydrotherapy**, the only trade association accredited with the **World Health Organization**.

The very topical theme is **“Thermal clusters: Present situation, proposals, and strategies for health care and local development”**. According to the definition of the World Health Organization ([www.who.int](http://www.who.int)), a *“health cluster”* is an aggregate of local entities that coordinate with each other to study and define practices and strategies for a specific health sector” (<http://www.who.int/health-cluster/en/>). When such regions feature scientifically acknowledged mineral water sources, their potentials to act in view of improving the quality of life of people are expanded even further. In this case these are referred to as *“health thermal clusters”*. In this respect, environmental, therapeutic, cultural, and anthropological resources act in synergy in view of good health, as well as of local economic development.

The present challenges posed by modern and environmentally advanced society can find a comprehensive response in the resources offered by *“thermal clusters”*, a true heritage of the past that can be experienced with a modern approach. However, this calls for forms of aggregation and organization into a **“system”**, as well as for effective actions by a variety of *“players”* (politicians, administrators, entrepreneurs, companies) at local, national and international level. The **“genius loci”** of the thermal resort obviously needs to be preserved, but inserted into a local integrated vision. This trend is being understood and partly implemented in most European countries that boast a thermal culture and tradition.

**FEMTEC** ([www.femteconline.org](http://www.femteconline.org)), celebrates the **80<sup>th</sup> anniversary** of its foundation this year, and offers its members an opportunity to **meditate on, evaluate, and carry out an operational review of this subject**, which may provide a starting point for the *renaissance* of hydrotherapy in the modern age. The Representatives of outstanding Institutions, including WHO, ESPA, EAPTC, EMA, ISMH and the National Trade Federations will provide their practical input.

The **CME-accredited** Congress will discuss and develop the individual thermal issues dealing specifically with:

- Structure, organization, and management of national and international thermal clusters
- E-learning training for physicians and operators
- Research as a factor for knowledge and information
- The role of thermal patients-users
- Communication
- Traditional and IT marketing
- New technologies and health safety
- Health insurance
- Health tourism

**Brand new**, included in the agenda of the event, **is the session “HOT SPRINGS CHINA DAY”**, where the Chinese Thermal Association (CHTA) will discuss its potentials and service offering to western experts and tour operators. Investments in the tourist sector in China totalled more than 130 billion EUR (+46%) in 2016, and forecasts were tripled for the next three years.

**A poster exhibition** will describe the historical, cultural, and scientific features of hydrotherapy. The Congress is sponsored by the Italian Ministry of Health.



*“Venue selection – the Isle of ISCHIA (<http://www.comuneischia.it/>) – is not only dictated by logistic requirements”, says **Umberto Solimene**, President of FEMTEC, “but also conveys the significance of introducing a unique region in terms of environmental, cultural, and thermal resources, integrated into an unusual geography. We are expected to carry out a hard and proactive work. While we are aware of the challenges, we trust our strengths and the scientific and entrepreneurial value, in view of building a common thermal house.”*

**Pr. Umberto Solimene**  
**FEMTEC President**

## SCIENTIFIC COMMITTEE

**Belaitar A.** (Algeria), **Bonsignori F.** (Italy), **Bulekbaeva S.** (Kazakhstan), **Cantista P.** (Portugal), **Carraturo N.** (Italy), **Costigliola V.** (Belgio), **D'Alessandro G.** (Italy), **Dubois T.** (France), **Ferruzzi A.** (Italy), **Fimiani A.** (Italy), **Fluck I.** (Hungary), **Gigineishvili G.** (Russia), **Gurnari G.** (San Marino), **Inokuma S.** (Japan), **Jannotti Pecci C.** (Italy), **Ledesma Rosa R.** (Cuba), **Maraver Eyzaguirri F.** (Spain), **Menendez F.** (Cuba), **Oueslati R.** (Tunisia), **Oyama M.** (Japan), **Ponikowska I.** (Poland), **Rasker H. J.J.** (Holland), **Razumov A.** (Russia), **Roques Ch.** (France), **Santuari A.** (Italy), **Solimene U.** (Italy), **Surdu O.** (Romania), **Trofimov E.** (Russia), **Veicsteinas A.** (Italy), **Vitale M.** (Italy), **Zhang Y.** (China), **Zorin I.** (Russia)

## ORGANIZING COMMITTEE

**President:** **Fimiani A.** (Terme di Ischia)

**Members:** **Balestrieri G.** (President of "Centre Studies Iasolino" Isle of Ischia), **Castellone L.** (Director S.I.A.N ASL, Naples2 North), **Capaldo S.** (V. President Federalberghi Terme, Rome), **Carraturo N.** (Dir. U.O.P.C., Ischia, Naples2 North) **Carriero G.** (President of tourism section of Industrialists Union of Naples and Councillor of Federterme), **Di Costanzo G.** (President of Asso-Termalists Ischia), **Gurnari G.** (Vice President of FEMTEC)

## SECRETARIAT OF ORGANIZING COMMITTEE

**Chauskaya N.** (Chief Intern. Dept. FEMTEC), **Busato S.** (Focal point of FEMTEC for the World Health Organization - WHO)

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## **CONGRESS PROGRAM**

### **15<sup>th</sup> October Sunday**

**08:00-17:00** Arrival of participants in Naples with individual flights or trains; Hospitality Point at the Ports of Beverello and Porta di Massa, organized transfer to the Continental Terme Hotel in Ischia.

### **GRAND HOTEL CONTINENTAL, ISCHIA PORTO**

#### **17:00-20:00 Registration at the Congress**

#### **17:00-20:00**

- Official opening of the 70<sup>th</sup> FEMTEC International Scientific Congress
- Introduction by the President of Region Campania, Vincenzo De Luca
- Welcome addresses by Representatives of the Ministry of Health, Campania Regional Gov. Local Authorities and Leaders of the International Delegations
- Zhang Qi (WHO, Geneva), *Introductory Remarks. The collaboration between WHO and FEMTEC*
- Remember of the Past President FEMTEC G. Ebrard , by Ch. Roques
- Speech of the and Hon. Pres. I. Fluck and President, UMBERTO SOLIMENE

**20:00-22:00 Welcome cocktail-dinner at the Continental Terme Hotel, attended by the local authorities. Traditional Neapolitan music.**

### **16<sup>th</sup> October Monday**

**07:00-08:30** Breakfast in hotel

**08:30-10:30 1<sup>st</sup> THERMAL CLUSTERS: purposes, training criteria, existing entities around the world**

**Chairs: I. Fluck, T. Dubois, P. Cantista, A. Razumov**

1. **P. Cantista (Portugal)**, *The planning “criteria” for a thermal cluster*
2. **C. Jannotti Pecci (Italy)**, *The Italian thermal clusters*
3. **T. Dubois (France)**, *The thermal clusters in France*
4. **O. Surdu (Romania)**, *Development of Romanian Clusters and results in medical balneal tourism*
5. **M. Crecente (Spain)**, *The Thermal heritage of Europe Atlas*
6. **J. Choinowsky (Poland)**, *Cluster in thermal Station-Polish experience in Ciechocinek*
7. **R. Surmanidze, G. Gigineishvili, R. Bakuridze (Georgia)**, *Natural medicinal resources of the autonomous republic of Ajara (Georgia) (mineral water, pellets) and the perspectives in use*
8. **R. Oueslati (Tunisia)**, *The Tunisian thalasso-therapeutic clusters: health & quality*
9. **E. Wuhr (Germany)**, *A health promotion and disease prevention cluster of seven Bavarian Spa*
10. **I. Altbauer (Slovenia)**, *The Slovenian SPAS: a modern health cluster of central Europe*
11. **A. Belaitar (Algeria)**, *The Algerian strategy for the development of thermalism*
12. **O. Akimov (Russia)**, *The thermal cluster of Belokhurika. Strategies and development*
13. **F. Menendez (Cuba)**, *Health Resorts in Cuba. Integration between the medical approach and tourism*
14. **E. Arkhipova (Russia), G. De Angelis (Italy)**, *The Crimean thermal Cluster*
15. **A. Menshov (Russia)**, *The thermal city of Sestrorerks (videofilm)*

**10:30-11:00** Group photo & Coffee break

**11:00-12:45 2<sup>nd</sup> THERMAL CLUSTERS: research, science, and locally integrated economy. The role of Foundations for Thermal Research (First Session)**

**Chairs: Ch. Roques, M. Vitale, S. Bulekbaeva, R. Oueslati**

1. **A. Razumov (Russia)**, *The Science of Thermal medicine: integration between the cure of health and longlife*
2. **Ch. Roques (France)**, *Afreth: activity and program for the development of the French Thermalism*
3. **A. Ferruzzi, M. Vitale (Italy)**, *The Italian Foundation for Thermal Researches, driver for a new scientific approach to the thermal medicine*
4. **F. Maraver (Spain)**, *Science and medical researches in the Spanish thermal system*
5. **I. Ponikowska (Poland)**, *Are the negative effects occurring in the thermal medicine?*
6. **A. Fimiani (Italy)**, *The physical component of thermal water and its interaction with skin receptors. Cross-observational study at Thermae of Ischia*
7. **O. Sorokina (Russia)**, *Thermalism for prevention and treatment of cardiovascular diseases*
8. **N. Veryho (Poland)**, *Application of natural humus water in drinking cure in patients with alcohol dependence-preliminary results*
9. **F. Bonsignori, V. Langella (Italy)**, *Thermal Medicine and aesthetic medicine: interactions and synergies*
10. **G. Gigineishvili (Russia)**, *Arte-therapy in the thermal centers: new way for complementary methods of treatment*

**12:45-13:15** Question and answers

**13:15-13:30**

- **Official opening of the Poster Exhibition: The thermae in the history of human civilization** (*Introductory Remarks by Umberto Solimene*)
- **Presentation of E-Learning Course on “Introduction to Thermal Medicine”** *By Cristiano Crotti*

**13:30-14:30** Buffet lunch at the Continental Terme Hotel

**14:30-16:30** 3<sup>rd</sup> **THERMAL CLUSTERS: research, science, and locally integrated economy. The role of Foundations for Thermal Research (Second Session)**

**Chairs: F. Maraver, O. Surdu, I. Ponikowska, F. Menendez, G. D’Alessandro**

1. **S. Masiero (Italy)**, *The importance of hydrokinesitherapy in rehabilitation of musculoskeletal disability*
2. **S. Bulekbaeva (Kazakhstan)**, *Complex rehabilitation of dysphagia*
3. **S. Capaldo (Italy)**, *New thermaltherapy protocols for improving active ageing*
4. **A. Varricchio, E. Ascione (Italy)**, *The role of inhaled crenotherapy in recurrent pediatric rhino-sinu-otitis*
5. **S. Inokuma (Japan)**, *The effect of carbonated water on peripheral perfusion in comparison to tap water*
6. **N.B. Gubina, O.L. Morozova, G.V. Terenteva (Russia)**, *Medical Rehabilitation and sanatorium treatment of Juvenile idiopathic arthritis (JIA) in the conditions of a children’s local sanatorium*
7. **M. Carbajo, F. Maraver (Spain)**, *Sulphurous mineral water and its peloids. Applications for health*
8. **V.L. Israel, M.B.L. Pardo (Brasil)**, *Thermal hydrotherapy as an environment and field of practice for the physical therapist in Brazil*
9. **I. Paluyanava (Belarus)**, *Health resort treatment in the Republic of Belarus*



10. **T. Masiukovich, A. Gaprindashvili, N. Kakulia, N. Antelava, R. Surmanidze, D. Berashvili, A. Bakuridze (Georgia)**, Study of mineral resources of Adjara (peloids, clays, waters) with the purpose of their application in medical (balneological) and pharmaceutical practice
11. **V. Repts, N. Efimenko, A. Abramtsova (Russia)**, *Analysis of functional levels and temporal characteristics of biological effects of consumption of mineral waters of the Caucasian Mineral waters*
12. **Zh. Daribayev (Kazakhstan)**, *Neurorehabilitation of children: a multidisciplinary integrated approach is essential*
13. **STOTZ K. (Poland)**, *Influence of humus substances on endothelial cells under conditions of hyperglycemia*
14. **N.P. Lavrik, T.V. Strelkova, S.A. Safonova, L.A. Vorobyova, Yu.A. Punanov, V.Yu. Plisetskaya (Russia)**, *Medical rehabilitation organization in pediatric cancer patients*
15. **Kouskoukis K., Tombris S. (Greece)**, *The Hellenic Acad of Thermal Medicine*
16. **Mussayeva K. (Kazakhstan)**, *Improvement of children in a mountain resort in Kazakhstan*
17. **S. Muhabbatova (Republic of Tajikistan)**, *Communal Rehabilitation in Tajikistan*

**16:30-17:00** Coffee break

**17:00-19:00 4<sup>th</sup> THERMAL CLUSTER S: Certifying for competing. A new strength for thermalism from the International Thermal joint-commission. The therapeutic muds case**

**Chairs: N. Carraturo, Belaitar A., S. Masiero, G. Gurnari**

1. **G. Gurnari, A. Manzotti (San Marino)**, *Planning, Business Plan and management control in the thermalism of quality*

2. **V. Khokhov, M. Golub (Russia)**, *The methodological approach to the sanitary-microbiological quality evaluation and safety of medicinal mud application*
3. **N. Carraturo (Italy)**, *From a certificate of quality of thermal muds to the scientific therapeutic evidence*
4. **Ch. Roques (France)**, *Opinion of the French National Academy of Medicine on the requisition of the French government concerning the health risks related to presence of barium and the absence of sanitary control of thermal muds*
5. **V.S. Sevryukova, E.V. Dobryakov, E.A. Ivanova (Russia)**, *Peloidtherapy with Anapa mud at the Sanatorium resort "DILICH": methods, their justification and effectiveness*
6. **E. Minakova (Russia)**, *Crimean The Cluster History of well known Saki area*
7. **G. Gurnari (Italy)**, *Innovation in the technological approach: the challenges of self-monitoring and telecontrol*
8. **S. Ospanova (Kazakhstan)**, *The "safety culture" in organization is the warranty of a successful quality management*
9. **G. Gurnari, V. Elia (Italy)**, *Water is the most studied but still able to surprise us*
10. **W. Terry (France)**, *Aquacert Quality & Safety Management System and Certification: a way to maintain a long-term relationship of trust with clients and health authorities and to develop new international clientele in search of high-quality health destinations*
11. **C. Mazzucchelli (Switzerland)**, *GDPR (General Data Protection Regulation): The mandatory DPO (Data Protection Officer)*
12. **M. De Luca (Italy)**, *GDPR (General Data Protection Regulation): Data protection by design and by default*
13. **G. Micchini (Italy)**, *GDPR (General Data Protection Regulation): Compliance and Cloud BackUp*
14. **E. Cerruti (Italy)**, *Social Network Collaboration with GED, the Smart Working Way*

- 15. L. Barbero (Italy), “Self-Reforming Hydrogen Generator”**  
**16. U. Solimene, V. Costigliola (Italy), Proposal of an international Thermal Joint Commission**

**19:00-19:30** Questions and answers

**21:00-22:30** Typical dinner with live music at the Continental Terme Hotel

**10:00-13:00 FOR ESCORTS**

- *Guided visit to the museum of Santa Restituta, patroness of the city of Lacco Ameno and of the whole Isle of Ischia, or visit to the museum of Villa Arbusto.*
- *Tour of the old city centre of Lacco Ameno and opportunity for high-street shopping at shops offering agreed discounts.*

**17<sup>th</sup> October Tuesday**

**08:00-09:00** Breakfast at the hotel

**09:00-11:30 China Hot Spring Day: Introducing the Chinese thermal clusters to Europe**

**Chairs:**

- **Solimene U.** *President of Femtec*
- **Zhang Yue,** *Secretary General Chinese Hot Springs Tourism Association (CHTA)*

**Participants:** Officials Members of Local Government and Leaders from the Hot Springs Thermal Clusters

**11:30-12:00** Coffee break & press conference

**12:00-13:30 Workshop on Integration funds for health and thermal services. Combining sustainability with health promotion.**

**Coordinated by: A. Fimiani, N. Starzeva, J. Choinowsky, E. Wuhr**

1. **A. Santuari (Italy), N. Chaurskaya (Russia)**, *Health Spas services and the role of patients: the experience of EAPTC*
2. **A. Santuari, L. Bertinato (Italy)**, *The role of health insurance funds in the promotion of health spas*
3. **N. Starzeva (Russia)**, *Public and Private Health Insurance in Russian Federation in the field of thermal medicine*
4. **E. Wuhr (Germany)**, *The case: IGM® Lifestyle Program SINOCUR - An Evidence Based Concept of Individual Health Management and Health Education*

General Discussion with Experts of FEMTEC and EAPTC

**13:30-15:00** Buffet lunch at the Continental Terme Hotel

**15:00-17:30**

- **Meeting of the EXECUTIVE COMMITTEE (for Members) and SCIENTIFIC COMMITTEE of EAPTC(European Association Patients and Users of Thermal Centers)**
- **FEMTEC GENERAL ASSEMBLY, Conclusions and awarding of participants**

**17:30-18:00** Coffee break

**18:00-19:00** Free time

**20:00-23:00** Gala dinner with traditional, lounge and house music

**10:00-13:00 FOR ESCORTS**

Visit to the Aragonese Castle in the typical fishermen's village of Ischia Ponte and downtown Ischia Porto with stroll along the main street Corso Vittoria Colonna and opportunity for high-street shopping at shops offering agreed discounts

## **SPEAKERS**

**ABRAMTSOVA A.**, Institute of Balneology, Piatigorsk, Russia

**AKIMOV O.**, General Manager Belokhurika resort Joint Stock Company, Belokhurika, Russia

**ALTBAUER I.**, Managing Director, Slovenia Spas Association, Celje, Slovenia

**ANTELAVA N.**, Tbilisi State Medical University, Tbilisi, Georgia

**ARKHIPOVA E.**, CEO of Campania Pro. Rep. Crimea, Russia

**ASCIONE E.**, Del. Thermalism AIVAS, Naples, Italy

**BAKURIDZE A.**, Tbilisi State Medical University, Tbilisi, Georgia

**BARBERO L.**, Founding member Barbero Engineering, Turin, Italy

**BELAITAR A.**, Medical Chief Thermal Station Chellala, Guelma, Algeria

**BERASHVILI D.**, Tbilisi State Medical University, Tbilisi, Georgia

**BERTINATO L.**, Director Op. Unit. ASL, Verona; Expert for "Cross-Border Health Cooperation", Italy

**BONSIGNORI F.**, V. President EAPTC, Italy

**BULEKBAEVA S.**, Director Nat. Children's Rehabilitation Children's Center, Astana, Kazakhstan

**CAPALDO S.**, Vice-President of Federalberghi Terme, Rome, Italy

**CARBAJO J. M.**, Universidad Complutense, Madrid, Spain

**CARRATURO N.**, Manager of Public Hygiene, Food, Termalism Ischia-Procida ASL NA2Nord, Naples, Italy

**CANTISTA P.**, President of ISMH; University of Porto, Portugal

**CERRUTI E.**, Area Manager Top Consult s.r.l., Turin, Italy

**CHAURSKAYA N.**, President EAPTC, Russian Federation

**CHOJNOWSKI J.**, President of Polish Association of Balneology and Physical Medicine, Poland

**COSTIGLIOLA V.**, President European Medical Association (EMA), Brussels, Belgium

**CRESCENTE M.V.**, Vice President of EHTTA, A Coruna, Spain

**CROTTI C.**, Expert WHO Coll. Center Complementary Medicine, State University of Milan, Italy

**D’ALESSANDRO G.**, Expert in Sport Medicine, Femtec Medical Commission, Zurich, Switzerland

**DARIBAYEV Zh.**, National Children’s Rehab. Center, Astana, Kazakhstan

**DE ANGELIS G.**, Arch., Expert on Thermalism, Gattopardo Hotel, Ischia, Italy

**DE LUCA M.**, Chief Executive Officer e-matika, Ischia, Italy

**DOBRIAKOV P.**, JSC "DiLUCH" - Sanatorium-Resort Complex, the Resort Town of Anapa, Russia

**DUBOIS T.**, President ESPA, Paris, France

**EFIMENKO N.**, Institute of Balneology, Piatigorsk, Russia

**ELIA V.**, Dept. of Chemical Sciences, State Univ."Federico II", Naples, Italy

**FERRUZZI A.**, President Italian Foundation for Thermal Researches, Italy

**FIMIANI A.**, President and Medical Director Terme di Ischia, Italy

**FLUCK I.**, FEMTEC Honorary President

**GAPRINDASHVILI A.**, Tbilisi State Medical University, Tbilisi, Georgia

**GIGINEISHVILI G.**, National Institute of Physical Rehabilitation, Ministry of Health, Russian Federation

**GOLUB M.**, Crimean hydrogeological regime-operating station of the Ministry of resorts and tourism of the Republic of Crimea, Saki, Russia

**GUBINA N.V.**, St. Petersburg State Healthcare Institution "Children's sanatorium Rehabilitation center "Children Dune" St. Petersburg, Russia

**GURNARI G.**, V. President FEMTEC, Pres. Technical Commission FEMTEC, San Marino

**INOKUMA S.**, Director of Department of Allergy and Rheumatic Diseases, Chiba Medical Center, Chiba, Japan

**ISRAEL V.L.**, Dep. Of Prevention and Rehabilitation and Physiotherapy, Course of Physiotherapy, Univ. Curitiba, Paraná, Brazil

**ISSYK T.**, Law & Economy, University ALMU, Astana, Alma Aty, Rep. Kazakhstan

**IVANOVA E.**, JSC "DiLUCH" - Sanatorium-Resort Complex, the Resort Town of Anapa, Russia

**JANNOTTI PECCI C.**, President FEDERTERME, Rome, Italy

**KAKULIA N.**, Tbilisi State Medical University, Tbilisi, Georgia

**KHOKHLOV V.**, Crimean hydrogeological regime-operating station of the Ministry of resorts and tourism of the Republic of Crimea, Saki, Russia

**KOUSKOUKIS K.**, President Hellenic Ac. Thermal Med, Athens, Greece

**LANGELLA V.**, Terme of Petriolo, Siena, Italy

**LAVRIK N.**, Health Resort Center "Solnechnoe", St. Peterburg, Russia

**MANZOTTI A.**, Consulting and Vis. Pr. Univ. LUISS, Rome, Italy

**MARAVER F.**, Director of Medical Hydrology School, Univ. Complutense, Madrid, Spain

**MASIERO S.**, Director Post Graduate School Rehab., State University Padua, Italy

**MASIUKOVICHI T.**, Tbilisi State Medical University, Tbilisi, Georgia

**MAZZUCHELLI C.**, Privacy Officer Poiesis sagl, Maroggia, Switzerland

**MENENDEZ F.**, V. President of FEMTEC, La HABANA, Cuba

**MENSHOV A.**, Director General North West Spa Association, St. Petersburg, Russia

**MICCHINI G.**, Chief Executive Officer Juliet Informatica srl, Genoa, Italy

**MINAKOVA E.**, First Deputy Head of the City Administration of Saki, Russia

**MORER C.**, Medical Hydrology School, Univ. Complutense, Madrid, Spain

**MOROZOVA O.L.**, St. Petersburg State Healthcare Institution "Children's sanatorium Rehabilitation center "Children Dune" St. Petersburg, Russia

**MUHABBATOVA S.**, Head of department of social development and state social guarantee of the Ministry of Health and Social Protection of the Republic of Tajikistan

**MUSSAYEVA K.**, Ministry of Health, RKMH, Rep. Clinic Sanatorium Alatau, Rep. Kazakhstan

**OSPAKOVA S.**, Nat. Rehab. Children's Center, Astana, Kazakhstan

**OUESLATI R.**, Director Dept. Thermalism, Ministry of Health, Tunisia

**PALUYANOVA I.**, Rep. Center for Health Resorts Treat., Minsk, Belarus

**PARDO M.B.**, Dep. of Psychology, Universidade Federal de Sergipe, Brasil

**PLISETSKAYA V. Yu.**, Resort Center "Solnechnoe", St. Peterburg, Russia

**PONIKOWSKA I.**, Chief Dep. Physical Therapy, Copernicus Univ., Poland

**PUNANOV Yu.**, Health Resort Center "Solnechnoe", St. Peterburg, Russia

**RAZUMOV A.**, President NKA, Dir. MSPC Academic, Moscow, Russia

**REPS V.**, Institute of Balneology, Pyatigorsk, Russia

**ROQUES Ch.**, V. President FEMTEC, Prof. Em. Toulouse University, Afreth, France

**SAFONOVA S.**, Health Resort Center "Solnechnoe", St. Peterburg, Russia

**SANTUARI A.**, Secr. General EAPTC, Pr. of International Health and Law, University of Bologna

**SEVRYUKOVA V.**, Medical Chief JSC "DiLUCH" - Sanatorium-Resort Complex, the Resort Town of Anapa, Russia

**SOLIMENE U.**, President FEMTEC, State University of Milan, Italy

**SOROKINA O.**, Dep. Medical Chief, Spa Center "White Nights", St. Peterburg, RF

**STARZEVA N.**, Director National Center of Reab & Med. Hydrology, Ministry of Health, Moscow, Russia



**STOZT K.**, Copernicus Univ., Dept. Pathophysiology, Torun, Poland  
**STRELKOVA T.V.**, Health Resort Center "Solnechnoe", St. Peterburg, Russia  
**SURDU O.**, Ass. Pr. Senior Phys. RMP EPSOLOR, France; Ovidius University, Constanta, Romania  
**SURMANIDZE R.**, Chairman of Doctors' United Scientific Society of Adjara, Georgia  
**TERENTEVA G.V.**, St. Petersburg State Healthcare Institution "Children's sanatorium Rehabilitation center "Children Dune" St. Petersburg, Russia  
**TERRY W.**, President of Aquacert International, Bordeaux, France  
**TOMBRIS S.**, Secr. Gen., Hellenic Academy Ther. Medic., Athens, Greece  
**VARRICCHIO A.**, President of AIVAS, Naples, Italy  
**VERYHO N.**, Medical doctor, Specialist of Balneology, Physical Medicine and Internal Medicine of Department of Balneology and Physical Medicine of Collegium Medicum in Bydgoszcz, Nicolaus Copernicus University in Torun, Poland  
**VITALE M.**, Scientific Coordinator ForST; State University of Parma, Italy  
**VOROBYOVA L.**, Health Resort Center "Solnechnoe", St. Peterburg, Russia  
**WUHR E.**, Vice Dean of the Faculty of Applied Health Sciences at Deggendorf Institute of Technology, Deggendorf, Bavaria, Germany  
**ZHANG Q.**, Team Coordinator Traditional, Complementary and Integrative Medicine, World Health Organization, Geneva, Switzerland  
**ZHANG Y.**, Secretary General, Chinese Hot Spring Tourism Association (CHTA), Beijing, China  
**ZHAO Y.**, Chinese Hot Spring Tourism Association (CHTA), Beijing, China