

GLOBAL HEALTH 2012

Foreword

The First International Conference on Global Health Challenges [GLOBAL HEALTH 2012], held between October 21-26, 2012 in Venice, Italy, took a global perspective on population health, from national to cross-country approaches, multiplatform technologies, from drug design to medicine accessibility, everything under mobile, ubiquitous, and personalized characteristics of new age population.

Recent advances in technology and computational science influenced a large spectrum of branches in approaching population health. Despite significant progresses, many challenges exist, including health informatics, cross-country platforms interoperability, system and laws harmonization, protection of health data, practical solutions, accessibility to health services, and many others. Along with technological progress, personalized medicine, ambient assistance and pervasive health complement patient needs. A combination of classical and information-driven approach is developing now, where diagnosis systems, data protection mechanisms, remote assistance and hospital-processes are converging.

We take here the opportunity to warmly thank all the members of the GLOBAL HEALTH 2012 Technical Program Committee, as well as the numerous reviewers. The creation of such a high quality conference program would not have been possible without their involvement. We also kindly thank all the authors who dedicated much of their time and efforts to contribute to GLOBAL HEALTH 2012. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

Also, this event could not have been a reality without the support of many individuals, organizations, and sponsors. We are grateful to the members of the GLOBAL HEALTH 2012 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that GLOBAL HEALTH 2012 was a successful international forum for the exchange of ideas and results between academia and industry and for the promotion of progress in the field of global health.

We are convinced that the participants found the event useful and communications very open. We also hope the attendees enjoyed the charm of Venice, Italy.

GLOBAL HEALTH Chairs:

Petre Dini, Concordia University - Montreal, Canada / China Space Agency Center - Beijing, China

Pascal Lorenz, University of Haute Alsace, France