In May 2013 the international experts on neurosonology and cerebral hemodynamics pooled their knowledge and expertise to produce an historical and fertile scientific meeting. It took the form of a joint meeting between the European Society of Neurosonology and Cerebral Hemodynamics (ESNCH) and the Cerebral Autoregulation Network (CARNet).

The meeting hosted over 400 participants from 47 countries of the five continents in over 30 hours of active discussion and major updates in these fields.

Following on the success of the reunion, the organizing and scientific committees felt compelled to assemble the major breakthroughs of the event in a publication meant to carve these developments for future reference.

The present issue of the International Journal of Clinical Neurosciences and Mental Health began to take shape compiling the various lectures presented throughout the meeting and tutorials, articles with original contributions of innovative findings and exciting case reports.

Authors of selected abstracts of the meeting were invited to participate in this issue, presenting their work as articles. All submissions were reviewed by two members of the scientific committee until final version approval to ensure maintenance of the high methodological standards present all over the conference.

We believe that this issue translates the foremost developments in neurosonology, cerebral hemodynamics and autoregulation during the recent years into a rigorous, comprehensive and extensive publication designed to engrave the memory of a stimulating meeting.