

Preface

The 4th Pacific Rim Underwater Acoustics Conference (PRUAC) was held in Hangzhou, China during 9–11 October 2013. Thanks to all the participants, it turned out to be one of the most exciting conferences around the Pacific focused on the ocean, with the theme “Underwater Acoustics and Ocean Dynamics.”

This conference was jointly hosted by Hangzhou Applied Acoustics Research Institute and Zhejiang University. The sponsors also included Acoustical Society of China, Science and Technology on Sonar Laboratory, Acoustical Society of America, Canadian Acoustical Association and Acoustical Society of Korea. The objective of this conference was to provide a forum for active researchers to discuss state-of-the-art developments in underwater acoustics. It brought together scholars, scientists, and engineers from numerous countries to exchange ideas and stimulate future research.

The proceedings are a collection of most of the scientific papers and reviews that were presented at the 4th PRUAC conference. The volume is comprised of 16 presented lectures covering a variety of topics in three sessions, including acoustical oceanography, underwater acoustic communication, and vector sensors and target detection. These lectures were made by distinguished researchers from a variety of countries, including the United States, China, Canada, Korea, and Russia.

We extend our sincere gratitude to all the attendees of the conference, with special thanks to the invited speakers, conference committee members, and those who have provided support for the conference and proceedings.

With the PRUAC 2015 conference coming soon in Russia, we look forward to meeting all our fellow researchers there.

Hangzhou, China

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