

Journal of
NONLINEAR
MATHEMATICAL
PHYSICS

Editor-in-Chief
Norbert Euler



Journal of Nonlinear Mathematical Physics

ISSN (Online): 1776-0852

ISSN (Print): 1402-9251

Journal Home Page: <https://www.atlantis-press.com/journals/jnmp>

Preface

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To cite this article: Adrian Constantin (2015) Preface, Journal of Nonlinear Mathematical Physics 22:4, 474–474, DOI: <https://doi.org/10.1080/14029251.2015.1113040>

To link to this article: <https://doi.org/10.1080/14029251.2015.1113040>

Published online: 04 January 2021

Preface

This issue was compiled to reflect the recent progress on mathematical aspects of water waves reported at the conference “Water Wave Dynamics”, held in the period June 1–5, 2015, at the Faculty of Mathematics of the University of Vienna, and sponsored by the European Research Council (ERC-AdG-NWFV). The aim of the conference was to bring together several independent international research groups working on water waves. The conference was attended by twenty-four researchers from twelve countries (eight from the EU and Brazil, Israel, Japan, USA), with a good mix of young and established researchers. While most participants were mathematicians (with research interests covering a broad range in pure and applied mathematics), experts in engineering and oceanography were also present. Some of the aspects that are presented open up new directions for future research and are of relevance far beyond the specific hydrodynamic context in which they emerge.

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13 October 2015