

This is the 39<sup>th</sup> [newsletter](#) of the *Knowledge Centre Manoeuvring in Shallow and Confined Water*, which aims to consolidate, extend and disseminate knowledge on the behaviour of ships in shallow and confined water. This newsletter is completely dedicated to the 5<sup>th</sup> MASHCON conference, which was held in Ostend from 19 to 23 May 2019.



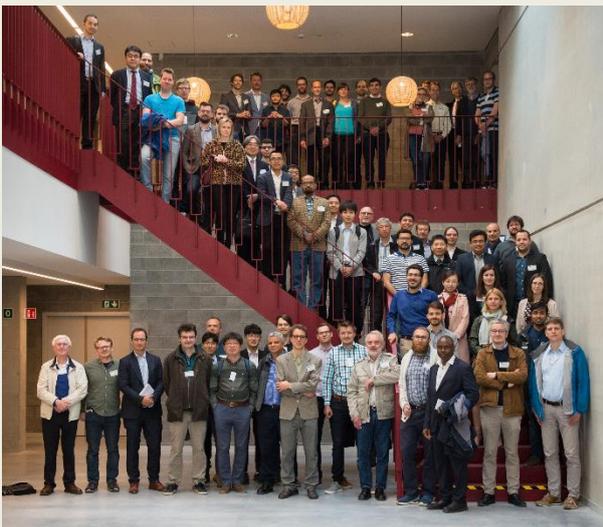
After editions paying special attention to bank effects (Antwerp, 2009), ship – ship interaction (Trondheim, 2011), lock effects (Ghent, 2013) and ship – bottom interaction (Hamburg, 2016), the emphasis of the [5<sup>th</sup> MASHCON conference](#) was on manoeuvring in wind, waves and current. Em. Prof. Marc Vantorre gave the opening keynote speech of the conference, giving an overview of the aspects that merit further research for each of the special topics of the MASHCON

conferences.

To honour his achievements throughout his career, a Special Symposium Honouring Em. Prof. Marc Vantorre was organized on the second day. Keynote speeches during this special symposium were given by Prof. Andres Cura-Hochbaum on the challenges involved with the application of numerical techniques for research into manoeuvring in shallow and confined water, and by Dr. Vicky Stratigaki, who talked about recent developments in wave



energy research.



On Wednesday morning, there was a technical visit to the [Flanders Maritime Laboratory](#), where the [Towing Tank for Manoeuvres in Shallow Water](#) and the Coastal Ocean Basin were shown. In the afternoon, there was a final keynote speech given by Prof. Hironori Yasukawa. Throughout the conference, several sessions were dedicated to papers discussing the [benchmark data](#) on manoeuvring in wind, waves and current that had been prepared for this conference. Researchers associated with the Knowledge Centre co-authored 11 papers in total.

With 47 papers and 4 keynote speeches that were presented to about 100 participants, accompanied by some lively discussions, we believe this edition was a success. We wish to thank the authors, the participants, the International Scientific Committee and the supporting organizations for their contributions. The [conference proceedings are available online](#) and the five sets of experimental [benchmark data remain available upon request](#). The conference was closed by Prof. Evert Lataire with the announcement that the 6<sup>th</sup> MASHCON conference will be held in 2022 in Glasgow, UK.



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