

Proceedings of the 10th International Symposium on Cavitation (CAV2018)

**May 14-16, 2018
Baltimore, Maryland**

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ISBN: 978-0-7918-6185-1

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Proceedings of the 10th Symposium on Cavitation (CAV2018)

CAV2018 was the 10th international symposium on cavitation. It is the world's leading event committed to cavitation where leading scientists and industry experts converge and discuss all phases of cavitation, both fundamental and applied. CAV2018 provides a unique opportunity to discuss the latest advances in theoretical modelling, numerical simulation and experimentation related to the cavitation phenomenon. It was hosted by the Johns Hopkins University and took place at the Renaissance Baltimore Harborplace Hotel in Baltimore, Maryland, USA. The proceedings contains over 200 papers, and is available for public access on The ASME Digital Collection, as well as for purchase in print-book format.