

Teledyne Caris to Debut Advanced Algorithms for Machine Learning at Shallow Survey 2018



[Teledyne Caris](#) will be unveiling the hydrographic industry's first use of machine learning for sonar noise removal at Shallow Survey 2018. Burns Foster, manager of new product initiatives at Teledyne Caris, will speak on the topic of 'Advancing Hydrographic Data Processing through Machine Learning' on 2 October at 1:30 p.m. Attendees will learn how this newly assembled machine-learning algorithm is being used to automatically identify and remove common types of noise in sonar systems.

Bill Lamey, VP of product development at Teledyne Caris, comments: "The potential benefits of machine learning in this industry are time savings and consistency. This is based on the larger community's collective expertise in bathymetric processing gained over many years."

Also presenting at the conference will be Bob Marthouse, director of operations and marine business manager at [Teledyne Optech](#). Find out how the [CZMIL](#) bathymetric Lidar system can help overcome commonly encountered natural phenomena that may impede shallow water surveys. Join his presentation 'High Resolution Airborne Lidar Bathymetry in Shallow Water: Considering Natural Limitations' on 1 October at 11:30 a.m.

Visit representatives at booth #26 for a demo of the newest version of [HIPS and SIPS](#) and discover how technological advancements like machine learning, automation, and one-step processing will create efficiencies and streamline your bathymetric workflow.

<https://www.hydro-international.com/content/news/teledyne-caris-to-debute-advanced-algorithms-for-machine-learning-at-shallow-survey-2018>
