PRESS RELEASE

EDWIN DE HOOG WINS THE IADC YOUNG AUTHOR AWARD 2021

**Voorburg, The Netherlands, 30 September 2021** - The International Association of Dredging Companies (IADC) bestowed the Young Author Award 2021 to Mr. Edwin de Hoog, Research and Development Engineer at Royal IHC in Kinderdijk, The Netherlands and PhD candidate at the Delft University of Technology. IADC's Young Author Award is given annually to “stimulate the promotion of new ideas and encourage younger men and women in the dredging industry”. The award is granted at industry-leading conferences, with 2021’s winning young author selected from the proceedings of the CEDA Dredging Days, virtually held on 28 and 29 September 2021.

**THE WINNER**

Mr. Edwin de Hoog was selected as the Young Author Award winner for the co-authoring of the research paper *The relevance of time domain effects for the design and stability of hydraulic transport pipelines*. Traditionally, hydraulic transportation system design involves analysing energy wells and sources of a pipeline system. More specifically, the energy characteristics of the pump and drivetrain are balanced against the frictional energy losses of the slurry in the pipeline. Under field conditions, in dredging and mining pipelines, slurry dynamics are caused by fluctuating loads on the centrifugal pump, due to transient variations in the mixture density flowing through the pump. This research discusses which time domain effects are relevant to such temporal design methodology and discusses methods to study these effects to maintain pipeline flow certainty.

“The jury was of the opinion that the winning entry represents solid research that addresses the core of dredging activities,” said Rene Kolman, Secretary General of IADC. "Building knowledge and optimising techniques is something we have to do. But also something we must continue to invest in, even at a time when dredging activities have to be carried out in an increasingly broader and more complex context.”

**THE AWARD**

The purpose of the IADC’s Young Author Award is to stimulate the promotion of new ideas and encourage younger men and women in the dredging industry. Every year at selected conferences, the IADC recognises the best paper written by authors younger than 35 years of age. The Conference Paper Committee recommends a shortlist of qualifying papers that make a significant contribution to the literature on dredging and related fields. Winning authors receive €1,000 and a trophy of recognition as well as publication of the paper as an article in the IADC’s quarterly journal *Terra et Aqua*. 
THE CONGRESS
The Central Dredging Association is responsible for the organisation of the CEDA Dredging Days which is held every two years and is the primary international dredging conference in the CEDA region. On September 28 and 29, 2021, experts and peers in the waterborne transport infrastructure sector met virtually to present, discuss and exchange knowledge on the most current and relevant topics, trends and practices.

Photo caption: The Young Author award was virtually handed over by IADC’s Secretary General René Kolman (left) to Mr Edwin de Hoog (middle) for his contribution to the paper “The relevance of time domain effects for the design and stability of hydraulic transport pipelines”.

ABOUT IADC
The International Association of Dredging Companies (IADC) is the global umbrella organisation for contractors in the private dredging industry. IADC has over a hundred main and associated members. Together they represent the forefront of the dredging industry. An industry that makes the world a safer, better and more sustainable place to live. IADC is driven to help that industry move forward with a variety of activities and publications, all of which can be found on our website www.iadc-dredging.com

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