BeNeLux Branch

Technical Meeting

Sustainable developments

Jeroen Dierickx, University Gent

Positions:	PhD Researcher
Websites:	https://www.ugent.be
Date:	Tuesday 18 February 2020
Time:	18:30 – 22:00
Venue:	Delft University of Technology – 3ME Faculty – lecture room C (Daniel Bernoulli) Mekelweg 2 2628 CD Delft
Contact:	IMarESTBeNeLux@gmail.com
Parking:	P-Aula or P-3ME; see campus map on http://www.tudelft.nl/en/contact/.

Dear member or friend,

You are hereby cordially invited to the coming Technical Meeting of the IMarEST BeNeLux Branch. Details of the programme and additional information can be found below. Your attendance to this Technical Meeting will be much appreciated. I look forward to seeing you on the 18th of February.

Would you kindly let me know if you plan to attend this event by registering online. Please register before Thursday 13th of February, so that we can order sufficient refreshments. Please note we have changed our policy concerning refreshments for non-members of IMarEST. We now kindly ask a contribution to refreshment costs of 5 euro's from non-members. The bank account number of IMarEST BeNeLux branch is: NL67 RABO 0364 6179 69 (no refunds).

Thank you in advance.

Yours sincerely,
Erik-Jan Boonen – Honorary Secretary IMarEST Benelux Branch.

Event description

The marine sector is currently undergoing increased regulations from IMO such as Tier III for SOx and NOx emissions. Recently IMO's member states agreed to reduce CO2 emissions with 50% in 2050 compared to 2008. As an answer to these upcoming regulations new technologies are being developed. In this presentation a set of criteria will be determined to assess new technologies and it will be reasoned why methanol as a marine fuel and the internal combustion engine pop us as promising technologies. Further, Work Package 5 of the EU Flagship project LeanShips (video), that had the aim to demonstrate methanol as a marine fuel, will be presented. The approach and the results of the project will be elaborated.

About the speaker

Jeroen Dierickx has studied electromechanical engineering at Ghent University, where he obtained his master thesis in 2010 with magna cum laude on converting a gasoline engine to pure methanol operation. He worked 6 years for Engie Electrabel. He has worked on energy management and trading, offshore wind developments and on long term partnerships. The past two years he was responsible for LeanShips Work Package 5 with the objective to demonstrate the potential of methanol as an alternative marine fuel. In this project he has converted a marine diesel engine to dual-fuel operations with methanol-diesel followed by experiments on dual-fuel. Currently he is working on a feasibility study for converting a vessel to dual-fuel operation.