

Luncheon Speaker  
Tuesday March 17

**Another day at the office: combining AI, CFD, and Belgian beer**



**Presenter: Lieven Vervecken**  
Diabatix

The majority of people do not really know what it is and the word highly overstates the technology, but Artificial Intelligence (AI) has made its entry and it is here to stay. Logically, it was only a matter of time before AI found its way into the field of Computational Fluid Dynamics (CFD). The possibilities with this combination seem endless, but are they really? Which challenges are we facing and how can we overcome them? In this talk I share some of our experiences when working with some of the largest companies in the world with one of the newest technologies in the world.

**Lieven Vervecken** is co-founder and CEO of Diabatix nv where he is responsible for the general management and the overall vision and strategy of the company. Diabatix is a Belgian technology scale-up specialized in generative design for cooling components that helps multinationals all over the world to push the boundaries in thermal design. Before devoting his work full-time to Diabatix, Lieven completed two master's degrees in engineering and a PhD in the field of Computational Fluid Dynamics from the University of Leuven. Lieven is an experienced speaker at national and international conferences, and former lecturer at the University of Leuven. He is passionate about the limitless possibilities of combining engineering with artificial intelligence technology and takes every opportunity to expand his knowledge in this field.