

**THURSDAY 20 APRIL**

**13:30 – 14:30**

**NONWOVENS ARE ESSENTIAL FOR THE MOBILITY TRANSITION**



**Moderator:** Marines Lagemaat, Scientific & Technical Affairs Director – EDANA

**Presentation 1:**



Nonwovens will continue to play an essential role in the expansion of electro mobility, the digital economy, and future energy storage demands

**Ian Dowdle**, Sales / Operations leadership – Hollingsworth & Vose

The presentation will cover the application of nonwoven technology to enable:

- Safety and Security of e-Mobility
- Data storage demands of the digital infrastructure
- Digital commerce
- Smart grid

**Presentation 2:**



Nonwovens in fuel cells: role of 3D architecture of the structure

**Siddharth Shukla**, PhD Student – Indian Institute of Technology Delhi

- Delving into the integral role of nonwovens as gas diffusion layers (GDLs) in fuel cells
- Unravelling the 3D structure of nonwoven GDLs and its impact on their wettability and compression behaviour
- Applicability of the basic principles of stereology in the quantification of structural heterogeneities of nonwoven GDLs