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