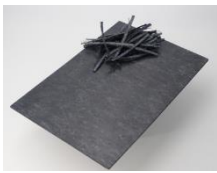


Dissemination day on Thermoplastic Hydrogen tanks

Presentation of THOR European project results on cost-effective thermoplastic composite pressure vessel for hydrogen storage both for vehicle and for transportation applications

Date : September Wednesday 21st

Location : Cetim - Technocampus – chemin du Chaffault
44340 Bouguenais - France



Agenda



- | | | |
|------------------|---|------------------------|
| 08.45 – 09.15 am | Welcome | |
| 09.20 – 09.35 am | Challenges of H ₂ tanks – Path for a solution adapted to usage | <i>Faurecia</i> |
| 09.35 – 09.55 am | Presentation of THOR project – Consortium, role and objectives | <i>Faurecia</i> |
| 09.55 – 10.15 am | Materials aspects | <i>Faurecia</i> |
| | <i>Break</i> | |
| 10.35 – 10.55 am | Design and modelling strategy | <i>SIRRIS</i> |
| 10.55 – 11.15 am | Safety of tanks in fire | <i>CNRS</i> |
| 11.15 – 11.35 am | Fire detection and sensor device | <i>NTNU</i> |
| | <i>Lunch</i> | |
| 12.40 – 13.30 pm | Visit of the filament winding equipment & samples | <i>Cetim workshop</i> |
| 13.30 – 13.40 pm | Tank manufacturing | <i>Cetim</i> |
| 13.40 – 13.55 pm | Validation of hydraulic tests | <i>RINA</i> |
| 13.55 – 14.15 pm | Correlation from manufacturing to burst tests | <i>Cetim</i> |
| 14.15 - 14.30 pm | Material characterization improvements for tanks | <i>Cetim</i> |
| 14.30 - 14.45 pm | Recycling | <i>Cetim Grand Est</i> |
| 14.45 – 15.00 pm | Tank performances regarding usage | <i>Air Liquide</i> |
| 15.00 – 15.30 pm | All partners – Roundtable : next development for thermoplastic tank | <i>Cetim</i> |
| 15.30 pm | Open Discussions | |

