

Wednesday, June 22, 2022

| AM Session | Plenary: Electrifications & Autonomous Challenges – Product, Process, People Session Chair: Nasim Uddin, PhD President Global Automotive Management Council | PM Session | Technology Enabling Vehicle Electrifications Session Chair: Michele Tedesco Global Responsible Metal Stellantis |
|------------|--|------------|--|
| Time | Polytechnic University of Turin, - Aula Magna Lingotto | Time | Polytechnic University of Turin, - Aula Magna Lingotto |
| 8:00 am | Silvio Pietro Angori Chief Executive Officer and Managing Director <i>Pininfarina S.p.A.</i> | 1:00 pm | Regenerative smart shock absorber for next generation of suspension systems Nicola Amati, Andrea Tonoli, Renato Galluzzi, Salvatore Circosta, Gennaro Sorrentino, Angelo Bonfitto <i>CARS - Center for Automotive Research and Sustainable Mobility - Politecnico di Torino</i> |
| 8:30 am | Bernhard Hoffmann Vice President <i>United States Steel Corporation</i> | 1:30 pm | Underbody design for Battery Electric Vehicles Jurgen Ascurra, Filippo Luzzi, Giovanni Belingardi, PhD, Alessandro Scattina, PhD, Andrea Panfili <i>Politecnico di Torino</i> Giorgio Luigi Masoero, Roberto Puppini <i>Fiat Research Center</i> Luca Stolcis <i>Stellantis</i> |
| 9:00 am | Antonio Casu Chief Executive Officer <i>Italdesign</i> | 2:00 pm | Battery Enclosures Don Whitacre <i>Novelis</i> |
| 9:30 am | Break | 2:30 pm | Break |
| | | 3:00 pm | Providing joining solutions for the EV sector; welding of battery modules and motor winding connections Sullivan Smith <i>TWI Ltd</i> |
| 10:00 am | Bertrand Hache Global Business Development & Marketing Director <i>Plastic Omnium</i> | 3:30 pm | TWP a new product is born Mario Padovani <i>Baosteel Tailored Blanks</i> |
| 10:30 am | Gianmarco Giorda Managing Director <i>ANFIA - National Association of the Automotive Industry</i> | 4:00 pm | Smarter and sustainable steels to meet automotive Challenges Bernardo Barile <i>ArcelorMittal Automotive Europe</i> |
| 11:00 am | Rosanna Serra Head of Stellantis South Europe Materials and Sustainability Engineering <i>Stellantis</i> | 4:30 pm | Battery Enclosures and battery frame applications using TWB Seçkin Birzat <i>Laser ISSE</i> |
| 11:30 am | Donald Whitacre Senior Manager Customer Solutions Center <i>Novelis</i> | 5:00 pm | Smart Production begins with a Smart Process Engineering Gianfranco Ruggiero <i>AutoForm</i> |
| 12:00 pm | Adjournment & Lunch | 5:30 pm | Adjournment |

Thursday, June 23, 2022

| AM Session | Digital Design, Material Technology & Manufacturing Session Chair: Sullivan Smith Head of Automotive Applications <i>TWI</i> | | Thanks to our IABC Turin 2022 Sponsors! |
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| Time | Polytechnic University of Turin, - Aula Magna Lingotto | | |
| 8:00 am | High Strength Steel in the Automotive Industry and New Methods to Model Sheet Metal Failure Michele Tedesco, Daniele De Caro <i>Centro Ricerche Fiat</i> David Frómet <i>Eurecat, Centre Tecnològic de Catalunya</i> | |   |
| 8:30 am | Multi Part Integration approach for Body Structure using breakthrough Hot Stamped Laser Welded Blanks and patch solutions Jesse Paegle <i>ArcelorMittal Tailored Blanks</i> | |   |
| 9:00 am | Is Now the Time for Laser Blanking? Jay Finn <i>LaserCoil Technologies LLC</i> | |   |
| 9:30 am | What are the Digital Transformation Success Factors? Cosimo Di Corsi <i>WILLBIT SRL</i> | |   |
| 10:00 am | Break | | |
| 10:30 am | Diode lasers from infrared to blue in Automotive Applications Andre Eltze <i>Laserline</i> | |   |
| 11:00 am | Coil-fed Blanking & Laser Cutting Line Seçkin Birzat <i>Laser ISSE</i> | |   |
| 11:30 pm | BMW Mini: Body shop weld quality improvement and cost reduction realization by smart data handling Sullivan Smith <i>TWI</i> Tim McGrath, Mark Verney <i>BMW</i> | |   |
| 12:00 pm – 6:00 pm | Adjournment & Tours of Italdesign & Pininfarina | | |