

Business Mission in Cina
“Intelligent Manufacturing Technology
for the EV Supply Chain”
Hangzhou Bay, June 29th -30th 2018

Tentative Programme

Conference Language: English/Chinese

JUNE 29th

8.30 – 9.00	Registration and Welcome Coffee
9.00 – 9.30	Welcome introduction: <i>EV Market Scenario & Opportunities for New Suppliers</i>
10.20 –11.30	TECHNICAL SESSION 1: <i>EV Powertrain - Politecnico di Torino and Italian Companies</i>
11.30 –13.00	TECHNICAL SESSION 2: <i>New Materials & Joining Technologies for Lightweighting Politecnico di Torino and Italian Companies</i>
13.00 –14.00	<i>Networking Lunch</i>
14.15 –15.30	TECHNICAL SESSION 3: <i>Connectivity & HMI Politecnico di Torino and Italian Companies</i>
15.40 –19.00	1st B2B meetings session
19:00	<i>Networking Dinner</i>

JUNE 30th

9:00 –12:00	2nd B2B meetings session
12:00 –13:30	<i>Lunch</i>
13:30 –14:30	<i>Visit to the City Exhibition Hall of Hangzhou Bay Economic & Development Zone</i>
14:30 –16:30	<i>Visit to Geely R&D Center</i>

In-depth description of technical sessions topics:

- **SESSION 1_BEV & FCEV Powertrain** (including components and production equipment)
 - Electrical components (i.e. electric motors & generators, connectors and wiring harness)
 - On-board energy storage systems (i.e. batteries, supercaps and related thermal management)
 - Energy management & control systems (i.e. electric power electronics, battery SoC management and monitoring)
 - Smart energy management for optimization targets of energy consumption, range extension and vehicle dynamics
 - Alternative layout options for electric propulsion system (critical comparison of pros & cons)
- **SESSION 2_New Materials for Lightweighting**
 - Plastics, light alloys, Advanced High Strength Steel and composite materials
 - Multimaterial joining technologies and production equipment
- **SESSION 3_Connectivity & HMI**
 - New Platforms, User Experience and Data Protection Systems
 - Styling, Interiors and Ergonomics

In cooperation with:

