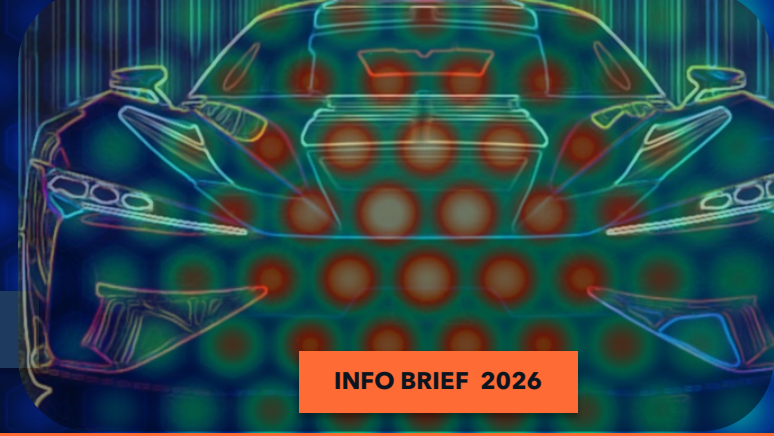




Thermal Management Systems, Components, and Material Innovations 2026

Vehicle thermal architecture, hardware reality, materials innovation, and cost-down strategy converge



INFO BRIEF 2026

June 11, 2026 | The Baronette Renaissance Detroit-Novı Hotel | Novi, Michigan | In Person

WHY THIS ROOM MATTERS

ITB's one-day thermal conference brings together the people who drive conventional, hybrid, and electric vehicle architecture – managing heat, cost, complexity, safety, and comfort.

The program is intentionally application-heavy, powertrain-agnostic, topology-specific, and manufacturing-aware.

Designed for a cross-functional room

Who the event is built for:

- › OEM thermal teams & pack architects
- › Component specialists in pumps, valves, lines, connectors & electronics
- › Materials: refrigerants, lubricants, adhesives & coatings
- › Simulation, test, validation & certification developers

PROGRAM BUILT AROUND REAL INTERFACES

- **System Architecture**
Topologies · Integration · Size-down · Control Logic
- **Coolant Loops**
Modules · Manifolds · Flow Changes
- **Battery Pack & Thermal**
Scheduling · Fast Charge · Battery Health
- **Refrigerant & Heat Pumps**
Systems For Comfort & Battery
- **Cabin and E-Drive**
Localized Cooling · HVAC Integration
- **Materials and Validation**
TIM · Testing · Sourcing

2026: Expanded to components, testing, and new materials from across the supply chain.

PROOF THE ROOM IS REAL

Recent event history and internal participation tracking show a durable thermal community



Built on ITB thermal work since 2015

2018

Battery thermal management

2019

Maximizing thermal value

2021

Evolving thermal systems

2022-25

Thermal mgmt and materials

2026

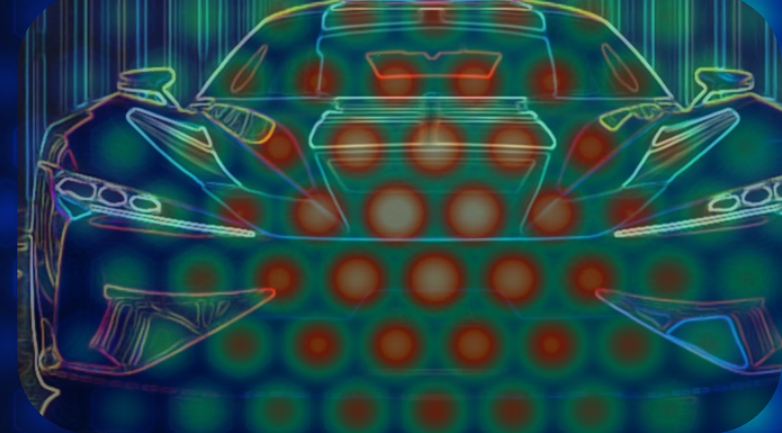
Components, materials & more



Who Participates:

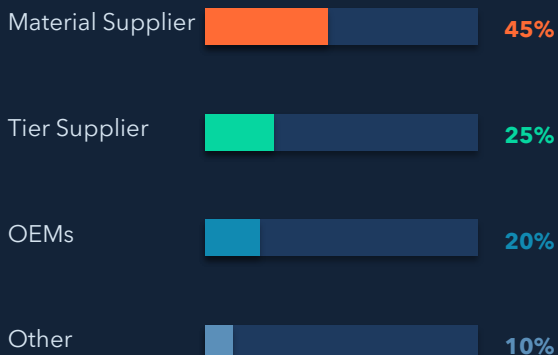
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2025 Audience · 120 attendees · 55 companies · 8 OEM organizations

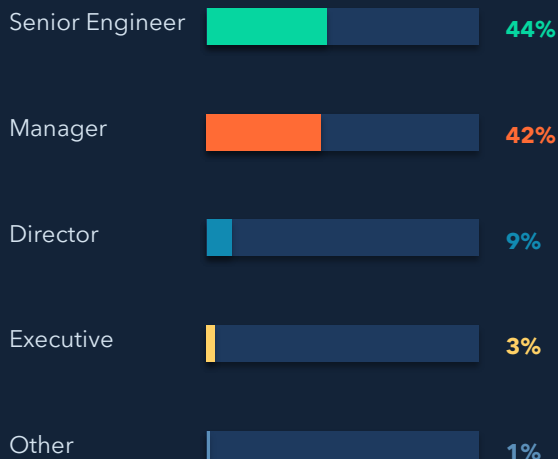


AUDIENCE PROFILE

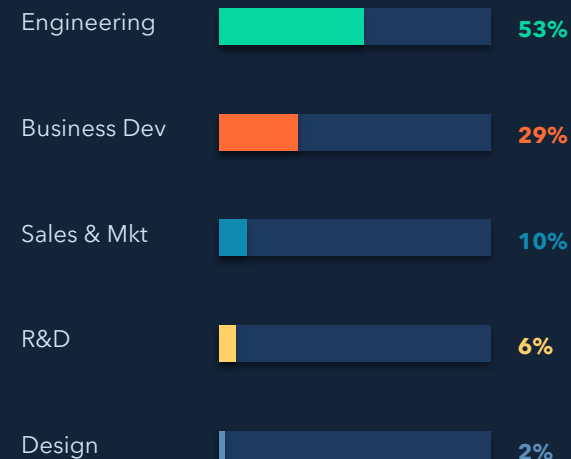
REPRESENTATION



ATTENDEE LEVEL



FUNCTION



Source: 2025 attendee title list and registration records

PAST PARTICIPATING ORGANIZATIONS

- **OEMs:** Ford Motor Company / General Motors / Hyundai / Lucid Motors / Nissan / Rivian / SLATE / Stellantis
- **Thermal Suppliers:** ARaymond / BorgWarner / Denso / Forvia / Gentherm / Hutchinson / Schaeffler / Sogefi / TI Fluid Systems / Valeo
- **Materials Solutions:** Arkema / Ascend Performance Materials / BASF / Celanese / EMS-Grivory / Evonik / Kuraray / Solvay / Sun Chemical

55-95

unique companies per edition

120-205

attendees per edition

avg. 160

attendees 2022-2025