

# Agenda

## Transfer Path Analysis

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|------------|--|-----------|--|
| 8 a.m.     | <i>Welcome and coffee</i>  | 1 p.m.    | <b>Time Domain TPA</b> <ul style="list-style-type: none"><li>• TPA synthesis models</li><li>• Interactive listening of paths</li><li>• Application: Tip-in and tip-out</li></ul> |
| 8:30 a.m.  | <b>Transfer Path Analysis (TPA) Overview</b> <ul style="list-style-type: none"><li>• Loads versus transfer functions</li><li>• Mount force estimation</li><li>• Force estimation via FRF inversion</li><li>• Application: Road noise</li></ul> | 2:30 p.m. | <i>Break</i>   |
| 10:30 a.m. | <i>Break</i>   | 3 p.m.    | <b>Advanced Methods</b> <ul style="list-style-type: none"><li>• Operational TPA: Pros and cons</li><li>• OPAX</li><li>• Strain based TPA</li></ul>                               |
| 11 a.m.    | <b>Airborne Noise Methods</b> <ul style="list-style-type: none"><li>• Volume acceleration and Q</li><li>• Inverse FRF measurement</li><li>• Panel contribution</li><li>• Application: Shell versus nozzle noise for induction system</li></ul> | 4:30 p.m. | <i>Close</i>   |
| Noon       | <i>Lunch</i>   |           |  |