



**Aeroacoustics of Propulsion and Ventilation Systems**  
 Valpré conference center, Ecully, July 3-5 2017  
 (Sponsored by CelyA, the school is free of charge)

## PROGRAM

| Monday 3   | Tuesday 4   | Wednesday 5   |
|--|---|---|
| <b>10h-11h15</b><br>Fundamentals<br>Sources in motion<br><i>M. Roger (LMFA)</i>  | <b>9h-10h30</b><br>In-duct propagation<br><i>M. Roger (LMFA)</i><br>+<br>Coffee break <b>30'</b>  | <b>9h-10h30</b><br>Modal detection in ducts<br><i>L. Enghardt (DLR)</i><br>+<br>Coffee break <b>30'</b>   |
| <b>11h15-12h30</b><br>Fundamentals<br>Airfoil noise mechanisms<br><i>S. Moreau (Sherbrooke University)</i>   | <b>11h-12h30</b><br>Broadband airfoil-noise<br>reduction techniques<br><i>M. Azarpeyvand (Bristol University)</i>   | <b>11h-12h30</b><br>Aeroacoustics of supersonic jets<br><i>T. Castelain (ECL)</i><br>Recent activities on jet noise<br><i>G. Bodard (Safran Aircraft Engines)</i> |
| <b>12h30-14h</b><br><b>Lunch break</b>   | <b>12h30-14h</b><br><b>Lunch break</b>  | <b>12h30-14h</b><br><b>Lunch break</b>  |
| <b>14h-15h</b><br>Methods and needs<br>Engine manufacturer<br><i>M. Fiack (Safran Aircraft Engines)</i><br>+<br>Poster session <b>30'</b>                        | <b>14h-15h</b><br>Methods and needs<br>Aircraft manufacturer<br><i>T. Node-Langlois (Airbus)</i><br>+<br>Poster session <b>30'</b>  | <b>14h-15h15</b><br>Beamforming and source<br>localization in aeroacoustics<br><i>V. Fleury (Dassault-Aviation)</i><br>+<br>Coffee break <b>15'</b>               |
| <b>15h30-16h30</b><br>Fundamentals and numerical<br>simulations of jet noise<br><b>16h45-17h45</b><br><i>C. Bogey (LMFA) &amp; N. Andersson (Chalmers Univ.)</i> | <b>15h30-16h30</b><br>Modern turbofan engines &<br>Installation effects on low-<br>speed fans<br><b>16h45-17h45</b><br><i>C. Polacsek (ONERA) &amp; S. Moreau (Sherbrooke University)</i> | <b>15h30-16h30</b><br>Experimental multi-sensor and<br>inverse methods<br><b>16h45-17h45</b><br><i>Q. Leclerc (INSA Lyon) &amp; A. Pereira (LMFA)</i>             |
| <b>BBQ Party</b>   | <b>Gala Diner</b>   | <b>Closure</b>  |