



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