<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</thead>
<tbody>
<tr>
<td>8:50</td>
<td>Welcome Breakfast and registration</td>
</tr>
<tr>
<td>9:00</td>
<td><strong>INTRODUCTION</strong></td>
</tr>
<tr>
<td>9:00</td>
<td>Background and Introduction to the 2nd LUM2016 workshop - Matthias Militzer (The University of British Columbia, Canada)</td>
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<tr>
<td>9:10</td>
<td><strong>SESSION 1: Grain size measurements</strong> (Chair: Damien Fabregue)</td>
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<tr>
<td>9:10</td>
<td>In-situ Laser Ultrasonic grain size measurement in superalloy Inconel 718 - Thomas Garcin (The University of British Columbia, Canada)</td>
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<tr>
<td>9:40</td>
<td>Continuous measurements of recrystallization and grain growth in cobalt super alloys - Mahsa Keyvani (The University of British Columbia, Canada)</td>
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<tr>
<td>10:10</td>
<td>Laser ultrasonics austenite grain size measurement in in line pipe steels - Isaac Robinson (The University of British Columbia, Canada)</td>
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<tr>
<td>10:40</td>
<td>Break</td>
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<tr>
<td>11:00</td>
<td><strong>SESSION 2: Recrystallization and Phase transformation</strong> (Chair: Matthias Militzer)</td>
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<tr>
<td>11:00</td>
<td>Laser ultrasonics for process control in the metal industry - INVITED SPEAKER Peter Lundin (Swerea KIMAB, sweden)</td>
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<tr>
<td>12:00</td>
<td>In-situ laser ultrasonic measurement of the hcp to bcc transformation in commercially pure titanium, Alyssa Shinbine (The University of British Columbia, Canada)</td>
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<tr>
<td>12:30</td>
<td>Evaluation of ferrite recrystallization and austenite formation in Dual Phase steel - Thomas Garcin (The University of British Columbia, Canada)</td>
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<tr>
<td>13:00</td>
<td>Lunch</td>
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<td>Time</td>
<td>Session</td>
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<tr>
<td>14:00</td>
<td>New development at Gleeble System</td>
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<td>14:30</td>
<td>Good practice guidelines for laser-ultrasonics</td>
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<tr>
<td>15:30</td>
<td>Break</td>
</tr>
<tr>
<td>15:45</td>
<td>Processing of ultrasound data</td>
</tr>
<tr>
<td>16:15</td>
<td>Lab visit and further discussion</td>
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<tr>
<td>17:45</td>
<td>Dinner at the restaurant La Provence</td>
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<td>Time</td>
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<tr>
<td>9:00</td>
<td>Breakfast</td>
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<tr>
<td>9:15</td>
<td><strong>SESSION 5: Modeling and Simulation (Chair: Chad Sinclair)</strong>&lt;br&gt;Ultrasonic wave propagation in polycrystalline media: Modeling, Computations, and Experiments, - INVITED SPEAKER Joseph A. Turner (University of Nebraska-Lincoln, Lincoln, US)</td>
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<tr>
<td>10:15</td>
<td>Modelling ultrasonic attenuation due to scattering in complex microstructures - Dan Neumann (University of Birmingham, UK)</td>
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<td>10:45</td>
<td>Break</td>
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<tr>
<td>11:00</td>
<td>Finite element modeling of ultrasound wave propagation in polycrystalline cubic material- Thomas Garcin (The University of British Columbia, Canada)</td>
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<tr>
<td>12:00</td>
<td>Further discussions on modeling and simulation strategy</td>
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<td>12:30</td>
<td>Lunch</td>
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<tr>
<td>13:30</td>
<td><strong>SESSION 6: Application to industrial rolling processes (Chair: Peter Lundin)</strong>&lt;br&gt;Laser Ultrasonic technique combined with metallurgical model to monitor steel microstructure during hot rolling, Nicolas Legrand (ArcelorMittal Global R&amp;D, France)</td>
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<tr>
<td>14:00</td>
<td>Prediction of grain size and texture in steel production by laser ultrasonic - Quan Yang (University of Science and Technology, Beijing, China)</td>
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<tr>
<td>14:30</td>
<td>Continuous measurements of recrystallization and grain growth following hot rolling in cobalt super alloys - Mahsa Keyvani (The University of British Columbia, Canada)</td>
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<tr>
<td>15:00</td>
<td>CONCLUSIONS and discussions (Chair: Matthias Militzer)</td>
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