# CONFERENCE PROGRAM

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td><strong>FIRST DAY (Wednesday 02/03)</strong></td>
<td><strong>Welcome and Opening Lecture</strong></td>
</tr>
<tr>
<td>08:30 - 09:00</td>
<td>Registration</td>
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<tr>
<td>09:00 - 09:40</td>
<td><strong>Chairpersons</strong></td>
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<tr>
<td>09:40 - 11:00</td>
<td><strong>Technical session 1: Scale application on Structures</strong></td>
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<tr>
<td>11:00 - 11:20</td>
<td><strong>Coffee Break</strong></td>
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<tr>
<td>11:20 - 12:40</td>
<td><strong>Technical session 2: Scale application on Structures</strong></td>
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<tr>
<td>12:40 - 14:00</td>
<td><strong>Lunch</strong></td>
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<tr>
<td>14:00 - 14:20</td>
<td><strong>Welcome Address (Prof. Kozo Saito)</strong></td>
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<tr>
<td>14:20 - 15:40</td>
<td><strong>2 Keynotes (Keith Davey and Susan G. Sterrett)</strong></td>
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<tr>
<td>15:40 - 16:00</td>
<td><strong>Coffee Break</strong></td>
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<tr>
<td>16:00 - 17:00</td>
<td><strong>Technical session 3: Scale application on Structures</strong></td>
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<tr>
<td><strong>SECOND DAY (Thursday 03/03)</strong></td>
<td><strong>Technical sessions 4: Scale progress in Fluid Dynamics</strong></td>
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<td>08:40 - 11:00</td>
<td><strong>Coffee Break</strong></td>
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<td>11:20 - 12:40</td>
<td><strong>Technical sessions 5: Scale progress in Fluid Dynamics</strong></td>
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<tr>
<td>12:40 - 14:00</td>
<td><strong>Lunch</strong></td>
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<tr>
<td>14:00 - 15:20</td>
<td><strong>2 Keynotes (Valentin Heller and Mitchell Newberry)</strong></td>
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<td>15:20 - 15:40</td>
<td><strong>Coffee Break</strong></td>
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<td>15:40 - 17:40</td>
<td><strong>Technical session 6: Scale progress in Fluid Dynamics</strong></td>
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<tr>
<td>17:40 - 20:00</td>
<td><strong>Social event: Tour in Napoli</strong></td>
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<td>20:30 - 23:00</td>
<td><strong>Pizza dinner</strong></td>
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<tr>
<td><strong>THIRD DAY (Friday 04/03)</strong></td>
<td><strong>Technical session 7: Scale progress in Fluid Dynamics</strong></td>
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<td>09:00 - 10:40</td>
<td><strong>Coffee Break</strong></td>
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<td>11:00 - 12:00</td>
<td><strong>Technical session 8: Scale progress in Fluid Dynamics</strong></td>
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<td>12:00 - 12:30</td>
<td><strong>Arrivederci</strong></td>
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<td>09:40 - 10:00</td>
<td>Effects of specimen size and loading rate on stress-strain curve of rubber material</td>
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<td>10:00 - 10:20</td>
<td>Scaling laws for piecewise stiffness characteristic of elastic ring</td>
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<td>10:20 - 11:00</td>
<td>Similarity Design Method of Dynamic Response for Thin Plate Structures with Complex Configurations</td>
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<tr>
<td>10:40 - 11:00</td>
<td>A Unified Dynamic Similitude Model for Solid Continuum</td>
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<td>Technical session 2: Scale application on structures</td>
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<td>11:20 - 12:00</td>
<td>Anisotropic versus Multi-Experiment Scaling Vibration Analysis of Composite Structures</td>
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<td>12:00 - 12:20</td>
<td>Obtaining scaling laws from the input and output data of models</td>
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<tr>
<td>12:20 - 12:40</td>
<td>Advanced Finite Elements And Neural Networks For Scaled Models Analysis</td>
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<td>Technical session 3: Scale application on structures</td>
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<td>16:00 - 16:20</td>
<td>Identification Of The Scaling Factors For Low Velocity Impact On Composite Plates</td>
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<td>16:20 - 16:40</td>
<td>Scaling impact onto aerospace morphing systems</td>
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<td>16:40 - 17:00</td>
<td>Multi-scaled demonstrator for aircraft weight and balance measurements based on FBG sensors design rationale and experimental characterization on two case studies</td>
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<td>08:40 - 09:00</td>
<td>Osamu Kadowaki</td>
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<td>Pichayaporn Vinya-amornkij</td>
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<td>09:20 - 09:40</td>
<td>Manabu Fuchihata</td>
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<td>Nichanee Thimakornsumritbut</td>
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<td>Tsuneoichi Matsuoka</td>
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<td>10:20 - 10:40</td>
<td>Shuhei Takahashi</td>
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<td>10:40 - 11:00</td>
<td>Yuma Yoshida and Hiroyuki Torikai</td>
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<td>Moe Sato and Hiroyuki Torikai</td>
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<td>11:40 - 12:00</td>
<td>Yuji Nakamura and Tsukasa Fukuya</td>
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<td>12:00 - 12:20</td>
<td>Jian GAO and Yuji Nakamura</td>
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<td>12:20 - 12:40</td>
<td>Richard Kwok Kit Yuen</td>
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<td>Matteo Chiatto</td>
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<td>Indrek S. Wichman</td>
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<td>Adrian Darwish</td>
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<td>Subrata Bhattacharjee</td>
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<td>Forman A. Williams</td>
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