**Explanation of Session Codes**

The first letter of the code designates the meeting. The second element denotes the day of the week. The third element indicates the session series in that day (for instance, 1 would denote the first session in that day). Each day begins with the letter A in the fourth element and continues alphabetically through the parallel session. The lettering then restarts with each new series. The number on the end of the code (separated from the session code with a period) signals the position of the talk within the session (first, second, third, etc.). For example, a presentation coded AM2B.4 indicates that this paper is being presented as part of the ASSL meeting on Monday(M) in the second series of sessions (2), and is the second parallel session (B) in that series and the fourth paper (4) presented in that session.

**Agenda of Sessions**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00—18:00</td>
<td>Registration, Entrance Hall, Level 0</td>
</tr>
</tbody>
</table>
| 09:00—12:00 | **Short Courses:**  
SC493: Crystalline Gain Materials for Solid-state Lasers, Room 120-121  
SC507: 3D Lidar and Applications, Room 124-125  
SC510: Ultrashort Pulse Characterization Techniques, Room 122-123 |
| 14:00—17:00 | **Short Courses:**  
SC361: Coherent Mid-IR Light: Generation and Applications, Room 120-121  
SC508: Advanced Sensing Using Digital Holography, Room 124-125  
SC511: Power Scaling of Fiber Lasers, Room 122-123 |
| 17:30—19:00 | **Congress Welcome Reception**, Room 212                                    |
## Agenda of Sessions

**Monday, 12 December**

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<thead>
<tr>
<th>Time</th>
<th>Room 111</th>
<th>Room 119</th>
<th>Room 133</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:00—18:00</td>
<td>Registration, <em>Entrance Hall, Level 0</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>08:00—09:00</td>
<td>JM1A • Joint Plenary Session I, <em>Room 111</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>09:00—09:15</td>
<td>Break</td>
<td></td>
<td></td>
</tr>
<tr>
<td>09:15—10:15</td>
<td>AM2A • Novel Concepts</td>
<td>LM2B • Brittle Materials Processing I</td>
<td>LsM2C • Lidar &amp; Applications I</td>
</tr>
<tr>
<td>10:15—10:45</td>
<td>Coffee Break, <em>Outside Room 111</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:45—12:45</td>
<td>AM3A • Novel Laser Materials</td>
<td>LM3B • Brittle Materials Processing II</td>
<td>LsM3C • Lidar &amp; Applications II</td>
</tr>
<tr>
<td>12:45—14:00</td>
<td>JM4A • Joint Poster Session I (in-person) and Lunch in Exhibit Hall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:30—16:30</td>
<td>Exhibition Hours</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13:00—14:00</td>
<td>State of the Industry Panel, <em>Show Floor Theater, Exhibit Hall</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14:00—16:00</td>
<td>AMSA • Optical Parametric Chirped Pulse Amplification</td>
<td>LM5B • Surface Modification &amp; Micromachining</td>
<td>LsM5C • Lidar for Autonomous Applications and Wind Measurements</td>
</tr>
<tr>
<td>16:00—16:30</td>
<td>Coffee Break in Exhibit Hall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16:30—18:30</td>
<td>AM6A • Nonlinear Crystals and Frequency Conversion</td>
<td>LM6B • Submicron Material Processing</td>
<td>LsM6C • Lidar for Wind Measurements and Components</td>
</tr>
<tr>
<td>18:30—20:00</td>
<td>Student and Early Career Networking Happy Hour, <em>Tibidabo Room, AC Hotel Barcelona Forum</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19:00—20:30</td>
<td>Optica Laser Systems Technical Group Special Talk &amp; Networking Event, <em>Room 133</em></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Agenda of Sessions

**Tuesday, 13 December**

<table>
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<th>Time</th>
<th>Room 111</th>
<th>Room 119</th>
<th>Room 133</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:00—18:00</td>
<td>Registration, Entrance Hall, Level 0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>08:00—09:00</td>
<td>JTu1A • Joint Plenary Session II, Room 111</td>
<td></td>
<td></td>
</tr>
<tr>
<td>09:00—09:15</td>
<td>Break</td>
<td></td>
<td></td>
</tr>
<tr>
<td>09:15—10:15</td>
<td>ATu2A • Lasers for Quantum Applications</td>
<td>LTu2B • THz Sources &amp; Applications</td>
<td>LsTu2C • Speckle Effects</td>
</tr>
<tr>
<td>10:00—20:00</td>
<td>Exhibition Hours</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:15—10:35</td>
<td>Technology Showcase: Customer-Inspired R&amp;D Efforts at Edmund Optics, Show Floor Theater, Exhibit Hall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:15—10:45</td>
<td>Coffee Break in Exhibit Hall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:45—12:45</td>
<td>ATu3A • Infrared Laser Sources</td>
<td>LTu3B • Laser Shock Peening &amp; Forming</td>
<td>LsTu3C • Imaging</td>
</tr>
<tr>
<td>12:45—14:00</td>
<td>Women in Science, Technology, Engineering and Entrepreneurship (WiSTEE) Lunch, Room 128</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:45—14:00</td>
<td>Lunch Break (on your own)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14:00—16:00</td>
<td>ATu4A • Ultrafast Sources I/ Femtosecond Sources</td>
<td>LTu4B • Laser-based Additive Manufacturing</td>
<td>LsTu4C • Photon Counting Lidar</td>
</tr>
<tr>
<td>14:00—17:00</td>
<td>End-User Workshop - Presented by Optica Corporate Membership, Room 120</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16:00—16:30</td>
<td>Coffee Break in Exhibit Hall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16:30—18:30</td>
<td>ATu5A • Fiber Laser Sources</td>
<td>LTu5B • Laser-beam Delivery and Beam Manipulation of High-power Laser Beams</td>
<td>LsTu5C • Wavefront Sensing &amp; Manipulation I</td>
</tr>
<tr>
<td>18:30—20:00</td>
<td>JTu6A • Joint Student Poster Session II (in-person) &amp; Reception in Exhibit Hall</td>
<td>JTu6B • Joint Student Poster Session II (virtual)</td>
<td></td>
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</tbody>
</table>
## Agenda of Sessions

### Wednesday, 14 December

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<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:30—17:00</td>
<td>Registration, <em>Entrance Hall, Level 0</em></td>
</tr>
<tr>
<td>08:00—09:00</td>
<td>JW1A • Joint Plenary Session III, <em>Room 111</em></td>
</tr>
<tr>
<td>09:00—09:15</td>
<td>Break</td>
</tr>
<tr>
<td>09:15—10:15</td>
<td>AW2A • High Energy Sources</td>
</tr>
<tr>
<td>10:00—16:30</td>
<td>Exhibition Hours</td>
</tr>
<tr>
<td>10:15—11:15</td>
<td>JW3A • Joint Poster Session III-A (in-person) and Coffee Break in Exhibit Hall</td>
</tr>
<tr>
<td>11:15—12:45</td>
<td>AW4A • Stimulated Scattering and Beam Combining</td>
</tr>
<tr>
<td>12:45—14:00</td>
<td>Lunch (on your own)</td>
</tr>
<tr>
<td>14:00—16:00</td>
<td>AW5A • Ultrafast Sources II/Modelocked Lasers</td>
</tr>
<tr>
<td>16:00—16:30</td>
<td>Coffee Break in Exhibit Hall</td>
</tr>
<tr>
<td>16:30—17:30</td>
<td>JW6A • Joint Postdeadline Paper Presentations, <em>Room 111</em></td>
</tr>
<tr>
<td>18:30—21:30</td>
<td>Conference Banquet, <em>Sant Pau Recinte Modernista (Tickets Required)</em></td>
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</table>
# Agenda of Sessions

**Thursday, 15 December**

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<th>Room 119</th>
<th>Room 133</th>
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<tbody>
<tr>
<td>07:30—14:00</td>
<td>Registration, <em>Entrance Hall, Level 0</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>08:00—10:00</td>
<td><strong>ATH1A</strong> • Thermal Effects and Spectroscopy</td>
<td><strong>LTh1B</strong> • Defense Applications Session</td>
<td><strong>LsTh1C</strong> • FSOC I</td>
</tr>
<tr>
<td>10:00—10:30</td>
<td><strong>Coffee Break, Outside Room 111</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:30—12:00</td>
<td><strong>ATH2A</strong> • Structured Materials</td>
<td></td>
<td><strong>LsTh2C</strong> • FSOC II</td>
</tr>
<tr>
<td>12:00—13:30</td>
<td></td>
<td><strong>Lunch Break (on your own)</strong></td>
<td></td>
</tr>
<tr>
<td>13:30—15:30</td>
<td><strong>ATH3A</strong> • Nonlinearly Frequency Shifted Sources</td>
<td></td>
<td><strong>LsTh3C</strong> • Spectroscopy &amp; Agile Sources</td>
</tr>
<tr>
<td>15:30—16:30</td>
<td><strong>Awards Ceremony and Farewell, outside Room 111</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Thank you to all the Committee Members for contributing many hours to maintain the high technical quality standards of Optica meetings.

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