### 1st week

<table>
<thead>
<tr>
<th>Date</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>30/01/2017</td>
<td>Registration and Opening (30’)</td>
<td>CW-1</td>
<td>CW-3</td>
<td>JW-2</td>
<td>LD-3</td>
</tr>
<tr>
<td>31/01/2017</td>
<td>COFFEE BREAK</td>
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<tr>
<td>01/02/2017</td>
<td>JMR-1</td>
<td>JMR-3</td>
<td>JMR-4</td>
<td>ADH</td>
<td>LD-4 (ex)</td>
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<td>02/02/2017</td>
<td>Lunch</td>
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<tr>
<td>03/02/2017</td>
<td>JW-1</td>
<td>CW-2</td>
<td>LD-1</td>
<td>LD-2</td>
<td>JW-3</td>
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<tr>
<td></td>
<td>15:30 - 16:00</td>
<td>16:00 - 17:30</td>
<td>16:00 - 17:30</td>
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<td>16:00 - 17:30</td>
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<tr>
<td></td>
<td>COFFEE BREAK</td>
<td>Exercise session</td>
<td>Exercise session</td>
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### 2nd week

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<tr>
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<th>Thursday</th>
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</thead>
<tbody>
<tr>
<td>06/02/2017</td>
<td>JPS-1</td>
<td>JPS-2</td>
<td>VB</td>
<td>TM</td>
<td>PC</td>
</tr>
<tr>
<td>07/02/2017</td>
<td>COFFEE BREAK</td>
<td>COFFEE BREAK</td>
<td>COFFEE BREAK</td>
<td>COFFEE BREAK</td>
<td>COFFEE BREAK</td>
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<tr>
<td>08/02/2017</td>
<td>Lunch</td>
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<td>Lunch</td>
<td>Lunch</td>
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<tr>
<td>09/02/2017</td>
<td>JW-5</td>
<td>CZ-2</td>
<td>JW-5 (ex)</td>
<td>Student presentations</td>
<td>Posters II</td>
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<tr>
<td>10/02/2017</td>
<td>15:30 – 16:00</td>
<td>16:00 - 17:30</td>
<td>Closing (30’)</td>
<td>17:30 - 19:00</td>
<td>17:30 - 19:00</td>
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<tr>
<td></td>
<td>COFFEE BREAK</td>
<td>Exercise session</td>
<td>Exercise session</td>
<td>Exercise session</td>
<td>Exercise session</td>
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</tbody>
</table>

### Long courses
- **JMR** – Photons and Atoms (Jean-Michel Raimond) – 4 lectures + 1 exercise section
- **JW** – Quantum Gases (Jook Walraven) – 4 lectures + 1 exercise section
- **CW** – Optical lattices (Christof Weitenberg) – 3 lectures + 1 exercise section
- **LD** – Q. Information with Photons (Luiz Davidovitch) – 3 lectures + 1 ex. section
- **JPS** – Cold Rydberg systems (James P. Shaffer) – 3 lectures
- **CZ** – Cold molecules and Efimov physics (Claus Zimmermann) – 3 lectures

### Short courses
- **JMR-APS** - Edition and reviewing process at the APS (Jean-Michel Raimond)
- **PC** – Atom-cavity interactions in the service of inertial sensing (Philippe Courteille)
- **RK** – Coherence and Diffusion in Light-Matter Interaction (Robin Kaiser)
- **ADH** – Quantum Tomography (Aldo Delgado Hidalgo)
- **VB** – Quantum Turbulence (Vanderlei Bagnato)
- **EH** – Ultracold Dipolar Gases (Emanuel Henn)
- **AVG** – Experimental quantum optics: a testbed for quantum measurement and quantum decoherence (Alejandra Valencia Gonzalez)
- **JWT** – Nonlinear optics with cold atoms (José W. Tabosa)
- **TM** – Quantum simulation with Rydberg atoms and dipolar systems (Tommaso Macri)

### Discussions/preparation of exercises