LHC MD day

28th February 2020

https://indico.cern.ch/event/867177/

M. Solfaroli, R. Tomás & J. Uythoven

MD requests: https://asm.cern.ch/
Scheduled MDs in Run 2  201
Submitted MD notes   135
Missing MD notes   66

So we called for missing MD notes.
Missing MD Notes – Today

Scheduled MDs in Run 2  
201
Submitted MD notes  
154
Missing MD notes  
47

and about 20 MD notes came! → 100% in reach!
Next MD note inventory: April 2020.
## 2021 MD schedule – 11 MD days!

<table>
<thead>
<tr>
<th>Wk</th>
<th>July</th>
<th>Aug</th>
<th>Sep</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mo</td>
<td>28</td>
<td>26</td>
<td>30</td>
</tr>
<tr>
<td>Tu</td>
<td>28</td>
<td>26</td>
<td>30</td>
</tr>
<tr>
<td>We</td>
<td>Scrubbing</td>
<td>Scrubbing</td>
<td>Scrubbing</td>
</tr>
<tr>
<td>Th</td>
<td>Interleaved commissioning &amp; intensity ramp up</td>
<td>Interleaved commissioning &amp; intensity ramp up</td>
<td>Interleaved commissioning &amp; intensity ramp up</td>
</tr>
<tr>
<td>Fr</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sa</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Su</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Technical Stop Special physics runs
- HW Commissioning, Powering Tests, Magnet Training, Machine development
- Machine check out, Scrubbing
- Re-commissioning with beam
- Pb - Pb Ion physics run
- Interleaved commissioning & intensity ramp up
- Pb Ion Setting up
- Proton physics run
- LINAC 3 Pb oven re-fill

### Key Dates
- **January 14, 2020**: LHC Schedule 2021 - DRAFT FOR DISCUSSION
- **March 14, 2020**: LHC, TI2, TI8 closed
- **April 15, 2020**: DSO test
- **May 16, 2020**: VdM program

---

### Experiment Details
- **Controls**: R. Steerenberg, LMC 15/1/2020
- **Maintenance**: R. Steerenberg, LMC 15/1/2020
- **Experiments**: R. Steerenberg, LMC 15/1/2020
- **valves open**

---

### Annual Closure
- **December 20**: Annual Closure
- **January 1, 2021**: Xmas
Goals for today (and Run 3)

⭐ Collect first ideas for MDs, focus points, priorities and time needs
⭐ Team up with injectors and colleagues from other groups
⭐ Review new tools and procedures
⭐ Journal publications:
   - Your achievements deserve visibility!
   - Inform us
⭐ ... and take a step further, think of the out-of-the-box MDs!
LHC MD DAY 2020

Tuesday 28 Jan 2020, 09:00 → 17:50 Europe/Zurich
774R-013 (CERN)

09:00 → 09:05 Welcome
Speakers: Jan Uythoven (CERN), Matteo Selfaroli Camillocci (CERN), Rogelio Tomas Garcia (CERN)

09:10 → 09:25 Injectors: MD beams in Run3 and planning
Speaker: Hannes Bartosik (CERN)

09:30 → 09:45 MPE plans
 Speakers: Christoph Wiesner (CERN), Daniel Wollmann (CERN)

09:50 → 10:20 Collective effects
Speaker: Xavier Buffat (CERN)

10:30 → 11:00 Coffee

11:00 → 11:10 OP and 225 GeV
Speaker: Dr Jörg Wenninger (CERN)

11:15 → 11:35 Wire collimator, beam-beam, 50 Hz noise studies
Speaker: Guido Sterbini (CERN)

11:40 → 11:50 Emittance studies
Speaker: Elias Efthymiopoulos (CERN)

11:55 → 12:10 IONS and partially stripped ions
Speakers: Michaela Schaumann (CERN), Reyes Alemany Fernandez (CERN), Roderik Bruce (CERN)

12:15 → 12:30 e-cloud & heating
Speaker: Giovanni Iadarola (CERN)

14:05 → 14:20 ABT plans
Speaker: Yann Dutheil (CERN)

14:25 → 14:35 OMC linear optics
Speaker: Tobias Hakan Bjorn Persson (CERN)

14:40 → 14:50 OMC non-linear optics
Speaker: Ewen Hamish Maclean (University of Malta (MT))

14:55 → 15:10 RF MD
Speaker: Helga Timko (CERN)

15:10 → 15:40 coffee

15:40 → 15:55 ATS optics
Speaker: Stéphane Fartoukh (CERN)

16:00 → 16:10 BI plans
Speaker: Enrico Bravin (CERN)

16:15 → 16:25 ADT plans and support
Speaker: Daniel Valuch (CERN)

16:30 → 16:55 Collimators
Speakers: Alessio Mereghetti (CERN), Roderik Bruce (CERN), Stefano...

17:00 → 17:15 Experiment requests
Speaker: Brian Petersen (CERN)

17:20 → 17:50 Beers