# ASP2018 High School Teachers Workshop

## Thursday 5 July 2018

**MasterClasses: Masterclass - Y-Block, 2nd Floor (09:00 - 17:30)**

**-Conveners: Kate Shaw; David Bertsche; Kenneth Cecire**

| time | [id] title | presenter |
|---|---|---|
| 09:00 | [8] Opening Activities | CUTLER, Cathy<br>BERTSCHE, David<br>GRAY, Heather<br>SHAW, Kate<br>CECIRE, Kenneth<br>CAMPANELLI, Mario<br>BISHAI, Mary<br>GOERLACH, Ulrich |
| 10:30 | Morning Break | |
| 11:00 | [9] Introduction to Cosmic Ray detectors - talks and 2 activities, 2 groups | CUTLER, Cathy<br>BERTSCHE, David<br>GRAY, Heather<br>SHAW, Kate<br>CECIRE, Kenneth<br>BISHAI, Mary<br>GOERLACH, Ulrich |
| 12:30 | Lunch | |
| 14:00 | [11] Finish morning work; discussion | BERTSCHE, David<br>SHAW, Kate<br>CECIRE, Kenneth<br>BISHAI, Mary<br>GOERLACH, Ulrich |
| 14:30 | [20] First Look at LHC Data - Z-boson mass activity | BERTSCHE, David<br>SHAW, Kate<br>CECIRE, Kenneth<br>BISHAI, Mary<br>GOERLACH, Ulrich |
| 15:30 | Afternoon Break | |
| 16:00 | [12] Creative Classroom Solutions | GALANTE, Nicole |

# Friday 6 July 2018

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**-Conveners: Kate Shaw; David Bertsche; Kenneth Cecire**

| time | [id] title | presenter |
|---|---|---|
| 09:00 | [14] Introduction to Masterclass Measurement | DE ROECK, Albert<br>CHARLTON, Dave<br>BERTSCHE, David<br>SHAW, Kate<br>CECIRE, Kenneth |
| 10:00 | [13] CERN Virtual Visit | CHARLTON, Dave<br>BERTSCHE, David<br>SHAW, Kate<br>CECIRE, Kenneth |
| 10:30 | Morning Break | |
| 11:00 | [21] Masterclass Measurement | DE ROECK, Albert<br>CHARLTON, Dave<br>BERTSCHE, David<br>SHAW, Kate<br>CECIRE, Kenneth |
| 12:30 | Lunch | |
| 14:00 | [15] Analyze and Discuss Masterclass Data; intro to W2D2 | CHARLTON, Dave<br>BERTSCHE, David<br>SHAW, Kate<br>CECIRE, Kenneth |
| 15:30 | Afternoon Break | |
| 16:00 | [16] Final Reflection and Discussion with Teachers | DE ROECK, Albert<br>CHARLTON, Dave<br>BERTSCHE, David<br>GRAY, Heather<br>SHAW, Kate<br>CECIRE, Kenneth<br>DIWAN, Milind Vaman |