

Session Program

Jun 7 - 12, 2021



9th Edition of the Large Hadron Collider Physics Conference

Tools

Zoom

Mon, June 7

5:00 PM

Tools: Theory tools

Session | **Location:** Zoom | **Conveners:**

Philip Ilten, Stefano Carrazza, Sandro Christian Wenzel, Andy Buckley, Loukas Gouskos

17:00 - 17:15 **High precision calculations**

Speaker

Tobias Neumann

17:18 - 17:33 **Lattice developments and tools**

Speaker

Huey-Wen Lin

17:36 - 17:51 **Event generation techniques and tools**

Speaker

Marek Schoenherr

17:54 - 18:09 **BSM developments and tools**

Speaker

Dr Tomas Gonzalo

18:12 - 18:30 **Discussion**

6:31 PM

Wed, June 9

1:45 PM

Tools: Experimental tools

Session | **Location:** Zoom | **Conveners:**

Andy Buckley, Sandro Christian Wenzel, Philip Ilten, Stefano Carrazza, Loukas Gouskos

13:45 - 14:00 **Advances in detector simulation tools**

Speaker

Samuel Louis Bein

14:03 - 14:18 **Deep learning approaches in analysis**

Speaker

Lukas Alexander Heinrich

14:21 - 14:36 **GPUs in trigger and reconstruction algorithms**

Speaker

Thomas Boettcher

14:39 - 14:54 **Advances in experimental analysis frameworks**

Speaker

Jan Fiete Grosse-Oetringhaus

14:57 - 15:15 **Discussion**

3:15 PM

3:30 PM

Tools: Other tools

Session | **Location:** Zoom | **Conveners:**

Andy Buckley, Sandro Christian Wenzel, Stefano Carrazza, Loukas Gouskos, Philip Ilten

15:30 - 15:45 **Advances in software management tools**

Speaker

Jakob Blomer

15:48 - 16:03 **ML and advances in Data Quality Monitoring**

Speaker

Suzanne Klaver

16:06 - 16:21 **Quantum Information Science in HEP**

Speaker

Dr Jean-Roch Vlimant

16:24 - 16:39 **Advances in Analysis tools/ecosystem**

Speaker

Oksana Shadura

16:42 - 17:00 **Discussion**

5:00 PM