

**Session Program**

**13-16 May 2025**

**The Mitchell Conference on Collider, Dark  
Matter, and Neutrino Physics 2025**

***Thursday Morning Session 2***

Mitchell Institute, Texas A&M University, Hawking Auditorium

# Thursday 15 May

10:40

## Thursday Morning Session 2: Thursday Morning Session 2

**Session** | **Location:** Mitchell Institute, Texas A&M University, Hawking Auditorium | **Convener:** Doojin Kim

**10:40–11:03**   **Searches for scalar boson pairs with ATLAS and CMS**

**Speaker**

Federico Montekali

**11:03–11:26**   **Physics opportunities at the LHC in the coming decades**

**Speaker**

Liantao Wang

**11:26–11:49**   **Analysis with boosted objects at ATLAS and CMS**

**Speaker**

Marta Lanzac Berrocal

**11:49–12:12**   **Quantum Entanglement is Quantum: ZZ Production at the LHC**

**Speaker**

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12:12