

Session Program

19-20 Sept 2016

LHC Dark Matter WG public meeting

Improvements to simplified models

CERN, 40/S2-D01 - Salle Dirac

Monday 19 September

14:00

Improvements to simplified models: Proposed improved models

Session | **Location:** CERN, 40/S2-D01 - Salle Dirac

14:00–14:15 **Dark matter model with two s-channel mediators**

Speaker

Felix Kahlhoefer

14:15–14:20 **Q&A**

14:20–14:35 **Scalar mediators**

Speaker

Giorgio Busoni

14:35–14:40 **Q&A**

14:40–14:55 **Spin-2 mediators**

Speaker

Veronica Sanz Gonzalez

14:55–15:00 **Q&A**

15:00–15:15 **Summary of 1607.06680**

Speaker

Kristian Hahn

15:15–15:20 **Q&A**

15:20–15:30 **Gluphilic models**

Speakers

Ambresh Shivaji, Ambresh Shivaji

15:30–16:00 **Discussion**

16:00

16:30

Improvements to simplified models: t-channel mediators

Session | **Location:** CERN, 40/S2-D01 - Salle Dirac

16:30–16:50 **Theory summary of t-channel models**

Speaker

Anthony DiFranzo

17:00–17:20 **ATLAS generator-level work for t-channel simplified models**

Speaker

Maria Giulia Ratti

17:30–17:50 **Discussion**

18:00

Tuesday 20 September

12:00



13:00

Improvements to simplified models: Wrap up and next steps for simplified models

Session | **Location:** CERN, 40/S2-D01 - Salle Dirac