

Session Program

20-22 Dec 2016



Milan Christmas meeting 2016

talks

Università degli Studi di Milano and INFN sez. Milano
Dip. di Fisica, via Celoria 16, Milano

Tuesday 20 December

14:30

talks

Session | **Location:** Università degli Studi di Milano and INFN sez. Milano, Dip. di Fisica, via Celoria 16, Milano

**Charged Higgs boson
production at the LHC:
closing the $m_{H^\pm} \sim m_t$ window**

14:30-15:00

Speaker

Marco Zaro

15:00-15:30

Constraining light-quark Yukawa couplings using Higgs distributions

Speaker

Emanuele Re

15:45

16:15

talks

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16:15-16:45

Using the four-dimensional unsubtraction method at NLO

Speaker

German Sborlini

16:45-17:15

Selection Algorithms

Speakers

Zahari Dimitrov Kassabov, Zahari Dimitrov Kassabov Zaharieva, Zahari Dimitrov Kassabov Zaharieva

17:30

Wednesday 21 December

10:00

talks

Session | **Location:** Università degli Studi di Milano and INFN sez. Milano, Dip. di Fisica, via Celoria 16, Milano

10:00–10:30 **A Subleading Operator Basis and Matching for $gg \rightarrow H$**

Speaker

Gherardo Vita

10:30–11:00 **mass effects in b quark associated production**

Speaker

Mr Davide Napoletano

11:15

11:45

talks

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11:45–12:15 **Beyond Resummation**

Speaker

Marco Bonvini

12:15–12:45

Combined threshold and transverse momentum resummation for inclusive observables

Speaker

Claudio Muselli

13:00

14:30

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14:30–15:00

Constraints on the trilinear Higgs coupling from vector boson fusion and associated Higgs production at the LHC

Speakers

Giulia Zanderighi, Giulia Zanderighi, Uli Haisch, Ulrich Andreas Haisch

15:00–15:30

Probing the Higgs self coupling via single Higgs production at the LHC

Speaker

Davide Pagani

15:45

16:15

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16:15–17:15

A study on the top quark mass measurement using modern generators

Speaker

Paolo Nason

17:30

Thursday 22 December

10:00

talks

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10:00–10:30

Tackling differential distributions for Higgs production at higher orders

Speaker

Simone Lionetti

10:30–11:00

Scattering amplitudes over finite fields and multivariate functional reconstruction

Speakers

Tiziano Peraro, Tiziano Peraro

11:15

11:45

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11:45–12:15

Double-Real Corrections at $O(\alpha_s)$ to single gauge boson production

Speaker

Federico Buccioni

12:15–12:45

Dark matter and relaxion beams at proton fixed target experiments

Speakers

claudia frugiuele, claudia frugiuele

13:00

14:30

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14:30–15:00

Status and perspective for supersymmetry after current LHC runs

Speaker

Emanuele Angelo Bagnaschi

15:00–15:30

Power corrections in the N-jettiness subtraction scheme

Speaker

Mr Andrea Isgro

15:45

16:15

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16:15–16:45

Resummation for Transverse Observables

Speakers

Luca Rottoli, Luca Rottoli

16:45–17:15

Towards parton fits with resummation

Speaker

Dr Simone Marzani

17:30