

**Session Program**

**4-6 Jun 2014**

**LHCPhenoNet Workshop on Particle Physics in  
Paris**

***Talks***

LPNHE/LPTHE  
Paris

# Wednesday 4 June

11:00

## Talks

**Session** | **Location:** LPNHE, seminar room, ground floor, tower 12

11:00–11:30 **QCD Theoretical uncertainties in a Bayesian framework**

**Speaker**

Emanuele Bagnaschi

11:30–12:00 **A study of micro jets**

**Speaker**

Frédéric Dreyer

12:00–12:30 **Status of the Fragmentation Functions**

**Speaker**

Dr Roger Hernandez Pinto

12:30

14:00

## Talks

**Session** | **Location:** LPNHE, seminar room, ground floor, tower 12

14:00–14:30 **Next-to-leading order diphoton+dijet production at the LHC**

**Speaker**

Nicola Adriano Lo Presti

14:30–15:00 **Light-like Wilson loops in maximally supersymmetric Yang-Mills**

**Speaker**

Omer Gurdogan

15:00–15:30 **From multiple unitarity cuts to the coproduct of Feynman integrals**

**Speaker**

Samuel Abreu

15:30

17:00

## Talks

**Session** | **Location:** LPNHE, seminar room, ground floor, tower 12

17:00–17:30

**Pure gravity amplitudes via color-kinematics duality in the fundamental representation**

**Speaker**

Alexander Ochirov

17:30–18:00

**Flowchart-based documentation in C++ for high-energy-physics simulation codes**

**Speaker**

Juan Jose Lopez Villarejo

18:00

# Thursday 5 June

09:00

## Talks

**Session** | **Location:** LPNHE, seminar room, ground floor, tower 12

09:00–09:30

### Simplified differential equations approach for the calculation of multi-loop integrals

#### Speaker

Chris Wever

09:30–10:00

### The Three-loop Soft Anomalous Dimension - Adventures in Configuration Space

#### Speaker

Øyvind Almeland

10:00–10:30

### Higher-Order Corrections in QCD Evolution Equations and Tools for Their Calculation

#### Speaker

Oleksandr Gituliar

10:30

12:00

## Talks

**Session** | **Location:** LPNHE, seminar room, ground floor, tower 12

12:00–12:30

### Positronium contribution to the electron $g-2$

#### Speaker

Matteo Fael

12:30

15:30

## Talks

**Session** | **Location:** LPNHE, seminar room, ground floor, tower 12

15:30–16:00

### Entrepreneurship as a young PhD in particle physics

#### Speaker

Nicolas Meric

16:00

17:30

## Talks

**Session** | **Location:** LPNHE, seminar room, ground floor, tower 12

17:30–18:00

### Feynman Graphs with 3 Loops and 2 Massive Cycles for the Variable Flavor Number Scheme

#### Speaker

Alexander Hasselhuhn

18:00–18:30

### Next-to-eikonal factorization

#### Speaker

Domenico Bonocore

18:30

# Friday 6 June

09:00

## Talks

**Session** | **Location:** LPTHE, library, 4th floor, tower 13-14

09:00–09:30

### Double Higgs production with MadGraph5\_aMC@NLO

#### Speaker

Marco Zaro

09:30–10:00

### Higgs boson pair production at the LHC: NNLO QCD corrections

#### Speaker

Javier Mazzitelli

10:00–10:30

### Supersymmetric Higgs production: Transverse momentum resummation

#### Speaker

Marius Wiesemann

10:30

12:00

## Talks

**Session** | **Location:** LPTHE, library, 4th floor, tower 13-14

12:00–12:30

### Higgs Boson mass

#### Speaker

Sujeet Akula

12:30

14:00

## Talks

**Session** | **Location:** LPTHE, library, 4th floor, tower 13-14

14:00–14:30

### Jet-Binning uncertainties in Higgs+jet measurements

#### Speaker

Pier Francesco Monni

14:30–15:00

### Higgs Boson Production with Multiple Hard Jets

#### Speaker

Tuomas Hapola

15:00