

# CMO-BIRS 2015

## **GAMBIT V: Towards a Global And Modular Beyond-the-Standard-Model Inference Tool**

Sep 27 - Oct 2 2015

### MEALS

*Bus leaves Hotel Angel Inn for travel to Hotel Hacienda Los Laureles for all meals*

\*Breakfast: 7:30 - 9:00 am, Restaurant Hotel Hacienda Los Laureles, Mon - Fri

\*Lunch: 13:30 am - 15:00 pm, Restaurant Hotel Hacienda Los Laureles, Mon - Fri

\*Dinner: 19:00 - 21:00 pm, Restaurant Hotel Hacienda Los Laureles, Mon -Thu

\*Dinner: 19:30 - 22:00 pm, Restaurant Hotel Hacienda Los Laureles, Sun only

\*Continuous Coffee Breaks: Arlequin 1 Conference Room, Hotel Angel Inn

### MEETING ROOMS

All lectures will be held in the Conference Room Arlequin 1 Conference Room, Hotel Angel Inn. A projector, laptop, and blackboards are available for presentations. An additional meeting room will be available for breakout sessions.

### SCHEDULE

#### Sunday

14:00 Check-in begins (front desk at Hotel Angel Inn - open 24 hours)

19:30-22:00 Dinner

20:30 Informal gathering and welcome drink at Hotel Hacienda Los Laureles

## Monday

07:30 Breakfast

### 09:00 **Lightning Fast GAMBIT status updates**

09:00 Welcome, introductions, etc (Pat / CMO-BIRS)

09:10 Overview + Core (Pat)

09:40 DarkBit (Christoph/Torsten)

10:20 **Coffee**

10:40 ColliderBit (Martin/Abram)

11:10 SpecBit (Peter/Ben)

11:40 FlavBit (Marcin)

12:10 **Coffee**

12:30 ScannerBit (Greg/Ben)

13:00 PrecisionBit & DecayBit (Chris R/Pat/Peter)

13:30 Lunch

### 15:00 **Preliminary results and Round 1 (R1) paper status**

15:00 Scalar singlet (Christoph)

15:30 Scalar singlet spectra + vacuum stability (James)

15:50 Scalar singlet paper + next steps (all)

16:30 **Coffee**

16:50 SUSY (MSSM-X; all)

18:00 Other R1 paper updates (Collider, DarkBit, ScannerBit, Flav, Spec-  
Decay-Precision, GAMBIT main)

19:00 Dinner

## Tuesday

07:30 Breakfast

### 09:00 **New directions and personnel**

09:00 Direct detection

10:00 EWPO

10:40 **Coffee**

11:00 Cosmology

11:30 R2 Papers planning update: BadRandom, Scalar Singlet Take 2, Higgs  
Portals, 2HDMs, Flav Wilson Coefficients, RPV?, ??  
→ *detailed BadRandom discussion/planning session*

13:15 Group Photo

13:30 Lunch

15:00 **Policy questions**

15:00 Notifications / requests for GAMBIT talks

15:30 Repo policy update / review

16:00 Any other policy issues

16:30 Review of WG leader positions

16:50 **Coffee**

17:10 Detailed Code Release Program Proposal (Pat)

19:00 Dinner

## Wednesday

07:30 Breakfast

09:00 **Overflow and topics arising from Mon/Tues**

13:30 Lunch

15:00 **Coding, running scans and writing Round 1 Papers!**

19:00 Dinner

## Thursday

07:30 Breakfast

09:00 **Coding, running scans and writing Round 1 Papers!**

13:30 Lunch

15:00 **Coding, running scans and writing Round 1 Papers!**

19:00 Dinner

## Friday

07:30 Breakfast

09:00 **Coding, running scans and writing Round 1 Papers!**

13:30 Lunch

15:00 **Time to explore Oaxaca / race for a plane**

Check-out by 12 noon.

Participants are welcome to use Hotel Hacienda Los Laureles' facilities until 3 pm on Friday, although you are still required to check out of your rooms by 12 noon.