

GAMBIT: Global And Modular BSM Inference Tool
Working Groups and Individual Positions

1 Working Groups

1.1 Colliders

Coordinators: Martin, Abram

Members: Martin, Abram, Chris R, Aldo, Jack, Are, Anders, Ben, Csaba, Pat, Andy, Oscar, Christophe, Nazila(?)

Modules: HEColliderBit, LEColliderBit

Physics: LHC (BSM searches, Higgs), ILC, LEP/TeVatron, B observables, charged Higgs bounds, other flavour physics, electroweak precision observables. Jack (and Nazila?) to be internal WG sub-coordinator(s) for B /flavour/precision observables (LEColliderBit)

Note: **Csaba** will talk to Nazila Mahmoudi about joining as our B /flavour-physics theory expert.

1.2 Dark Matter

Coordinators: The Savage Integrator + (Torsten or Christoph; Christoph to consult with Torsten and decide together)

Members: Savage Int, Torsten, Christoph, Joakim, Antje, Jan, Pat, Lars, Jonathan

Modules: DarkTheoryBit, DirectBit, IndirectBit, RelicBit

Physics: Indirect (gammas, neutrinos, charged cosmic rays, relic density, targets), Direct (rate, modulation, directional)

1.3 Scanners & Statistics

Coordinator: Greg

Members: Greg, Pat, Antje, Savage Integrator, Abram, Ben, Jan

Modules: ScannerBit

Physics: MCMCs, GAs, DE, nested sampling, others (maybe BAMBI)

1.4 Core/Models

Coordinators: Csaba, Pat

Members: m = models, c = core, b = both. Pat(b), Csaba(b), Hugh(b), Aldo(b), Are(m), Martin(m), Jonathan(m), Christoph(m), Lars(c), Ben(c), Antje(c), Anders(c)

Modules: CoreBit, ModelBit

Physics: Core code structure including BackEnd, LikelihoodContainer and Model abstract class design. Theoretical models, including nuisance parameter definitions and physicality-checking code.

2 Publications (Presentations & Papers)

Publication Managers

- Jan Conrad (Oct 2012 –)

3 Hosting

Repository Managers

- Chris Savage (Oct 2012 –)
- Pat Scott (Oct 2012 –)

4 Wiki

Wiki Managers

- Antje Putze (Oct 2012 –)

5 Gold Clock (Grant/Funding) Committee

Csaba, Jan, Joakim, Martin, Pat, Are, Savage Int, Aldo, Christoph(?), Christophe(?)