



Hints for New Physics

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- Thematically however 'Hints' session can overlap with any other session, in particular DM since it's such a common and wide topic these days
- **Mandate:** 'Hints for new Physics'
 - Contemporary results
 - Data driven
 - No pure theory, simulation or future experiments
- Thematically however 'Hints' session can overlap with any other session
- **Suggestion:** Break the degeneracy between the 'hints' and dedicated sessions by focusing on recent data.
 - Dedicated sessions main focus is, **theirs new ideas and upcoming experiments.**
 - Started inviting but holding off now until this is clarified
- Using Pierre's schedule I assume 10-12 (25'+5') talks
 - Potentially shorter talks/varying length
 - All tentative (see also last slide)

New Physics Hints session

10:30 – 12:30

12:30-13:30 lunch

13:30 -15:00

15:00-15:30 coffee-break

15h30-17:30

Physics Hints total = 5h30



	#	Tuesday
8:00		Cosmology
8:30		
9:00		
9:30		
10:00		Coffee
10:30	1	Early Late Universe H0 Tension <i>Dillon Brout</i>
11:00	2	Fermi-Lat Excess Data <i>Simone Murgia</i>
11:30	3	AMS <i>TBA</i>
12:00	4	Cosmic Rays <i>Hans Dembinski</i>
12:30		Lunch
13:00		
13:30	5	Antares/Icecube <i>Antoine Kouchner</i>
14:00	6	Reactor Neutrino Anomalies <i>Antonin Vacheret</i>
14:30	7	Collider Neutrino Anomalies <i>Danny Martafia</i>
15:00		Coffee
15:30	8	g-2 excess <i>Brendan Kiburg</i>
16:00	9	b-Physics anomalies <i>Patrick Koppenburg</i>
16:30	10	LHC Exotica <i>Mattias Sampert</i>
17:00	11	ALPS & DM using Protons <i>Christophe Royon</i>
17:30	12	Cosmis-Ray detectors for NASA <i>Sasha/Florian</i>

- Agenda based in Pierre's draft outline
 - Certain suggestions not yet incorporated, e.g. dSpec galaxies



Starting with astro results for natural transition from Cosmology session



Using neutrinos to move from cosmic frontier to intensity physics and accelerators



Moving from intensity with collider to accelerator



Christophe has to comment on topicality of those talks



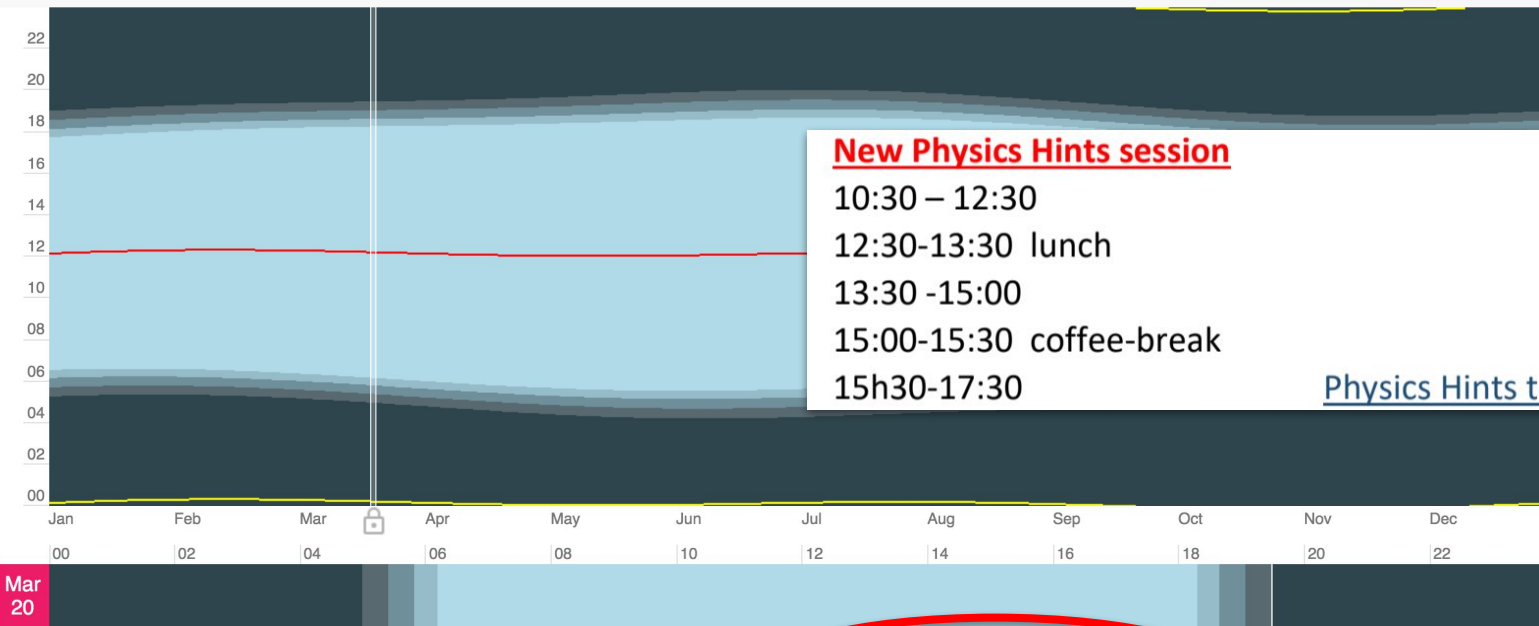
Overalls chedule

- 8am - 5:30pm with 1h lunch/two coffee breaks is, independent of location, long
- I spend a surprising amount of time in the tropics, twilight comes fast and early
 - Would not recommend to have sessions much longer than 4pm
 - Any commuting needed?
- IMHO: Start early, end early
 - Depending on hotel/transportation constraints 8:30 might be ok

2019 Sun Graph for Basse-Terre

Rise/Set Times

Day/Night Length



New Physics Hints session
 10:30 – 12:30
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 13:30 -15:00
 15:00-15:30 coffee-break
 15h30-17:30
 Physics Hints total = 5h30

Night: 12:00 am - 4:59 am 7:29 pm - 12:00 am Total: 09:30	Astronomical Twilight: 4:59 am - 5:24 am 7:04 pm - 7:29 pm Total: 00:50	Nautical Twilight: 5:24 am - 5:49 am 6:39 pm - 7:04 pm Total: 00:50	Civil Twilight: 5:49 am - 6:11 am 6:17 pm - 6:39 pm Total: 00:43	Daylight: 6:11 am - 6:17 pm Total: 12:07	Solar Noon/Midnight: — 12:14 pm — 12:14 am
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- Will we allow abstract submission.
- If yes, how to deal with significant number of abstracts:
 - Important to attract young people
 - Parallel sessions, poster
- Representation is important:
 - Keep diversity in mind
 - Outreach/public event?