

3rd CORSIKA 8 Focus Week

Report of Contributions

Contribution ID: 1

Type: **not specified**

Discussion

Monday, February 3, 2020 4:00 PM (30 minutes)

Welcome to the “3rd CORSIKA 8 Focus Week”

The aim is to make a major concerted step toward first simulations of both hadrons and e.m. cascades.

Today we should set our priorities for the coming week and also for the upcoming milestone.

Session Classification: Discussion Monday

Contribution ID: 3

Type: **not specified**

Discussion about PID spectra in EAS

Tuesday, February 4, 2020 9:00 AM (1h 15m)

We need at least one low-energy hadron interaction model. Could be GHEISHA or URQMD (good for comparisons to CORSIKA v7) or HillasSplitting (comparing to AIRES).

We need to test and finalize the mechanics to switch between high/low energy models for given projectile particles.

Session Classification: Discussion Tuesday

Contribution ID: 4

Type: **not specified**

Discussion

Wednesday, February 5, 2020 9:00 AM (30 minutes)

We need energy losses and multiple scattering for hadrons and muons.

Session Classification: Discussion Wednesday

Contribution ID: 7

Type: **not specified**

Final discussion

Friday, February 7, 2020 4:05 PM (1 hour)

Summarize progress, discuss open points and decide on next goals.

Session Classification: Discussion Friday

Contribution ID: **14**

Type: **not specified**

Discussion

Thursday, February 6, 2020 9:00 AM (15 minutes)

Session Classification: Discussion Thursday

Contribution ID: 15

Type: **not specified**

Parallel execution, scheduler

Monday, February 3, 2020 4:30 PM (1 hour)

Presenter: FEDYNITCH, Anatoli (DESY Zeuthen)

Session Classification: Discussion Monday

Contribution ID: **16**

Type: **not specified**

Status of PROPOSAL integration

Wednesday, February 5, 2020 9:30 AM (40 minutes)

Presenter: SOEDINGREKSO, Jan

Session Classification: Discussion Wednesday

Contribution ID: 17

Type: **not specified**

Stack, particles

Friday, February 7, 2020 3:30 PM (35 minutes)

Presenter: BAACK, Dominik (TU Dortmund)

Session Classification: Discussion Friday

Contribution ID: **18**

Type: **not specified**

EmCa

Thursday, February 6, 2020 9:15 AM (35 minutes)

Presenter: MEIGHEN-BERGER, Stephan

Session Classification: Discussion Thursday