TG3 Introduction: detector response

Jost Migenda and Marta Colomer Molla

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Morning session:

SNOwGLoBES v1.3		*Sebastian Torres-Lara y otros*
Room 223, Purdue Physics		11:45 - 12:00
SNtools and generator comparison in SNO+		*Sammy Valder y otros*
Room 223, Purdue Physics		12:00 - 12:15
Inelastic charged current interaction of SN neutrinos in two-phase liquid xenon dark matter detectors	*Sayan Ghosh*	📎
Room 223, Purdue Physics		12:15 - 12:25

12:00

Afternoon session:

Coffee	
Room 223, Purdue Physics	16:00 - 16:30
TG3 Introduction	*Dr. Jost Migenda y otros*
Room 223, Purdue Physics	16:30 - 16:45
SNEWPY: Overview	*Dr. Jost Migenda*
Room 223, Purdue Physics	16:45 - 17:00
SNEWPY: Advanced Flavor Transformations	*James Kneller*
Room 223, Purdue Physics	17:00 - 17:15
SNEWPY: Simple Rate calculation	*Sonia El Hedri y otros*
Room 223, Purdue Physics	17:15 - 17:30
EstrellaNueva	*Prof. Eric Vázquez Jáuregui*
Room 223, Purdue Physics	17:30 - 17:45

16:00

17:00

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Remarks since last collaboration meeting:

- Two SNEWPY papers have been published, interest from both pheno and experimental side
- Towards unifying the SNEWS software requirements:

cross-talk within TG's to ensure the compatibility between them

- Towards a full model registry:

see later talk and attend breakout session for model finalizing if you're interested

- Towards using SNEWPY and evaluating different detector response conditions in coming firedrills