

COSMOS X as a general purpose air shower simulation tool

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One page executive summary

- What is this contribution about?

A new air shower MC simulation tool COSMOS X is developed.

- Why is it relevant / interesting?

Importance of air shower simulation in Cosmic-ray physics is increasing

- What have we done?

Combining an air shower MC tool COSMOS and a detector MC tool EPICS, *extended COSMOS, COSMOS X*, is developed

Some examples of application are demonstrated

- What is the result?

COSMOS X is public as a β version. Enjoy and feedback!!

<http://cosmos.icrr.u-tokyo.ac.jp/COSMOSweb/>