



Prospects for an MCnet summer school in India

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on behalf of the MCnet collaboration

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What does an MCnet summer school involve?

- ▶ **Core lectures** On topics such as introduction to event generators, parton showers, matching and merging, connections with experiment, and computational challenges. Possibly also on specialized topics such as EIC.
- ▶ **Variety lectures** On topics such as applications beyond academia, gender issues in physics, future of HEP (e.g. FCC), etc.
- ▶ **Tutorials** Where the students gets hands-on experience with using event generators and related tools such as Rivet.
- ▶ **Nightcap sessions** Where students have a chance to discuss and ask questions to event generator authors – we tend to get particularly good feedback on these sessions

Why an MCnet summer school?

- ▶ **Experienced organizers** At the time of writing, there have been 15 previous summer schools, and feedback has been generally good
- ▶ **Skilled teachers** Including authors from each of the main general-purpose event generators
- ▶ **Accessibility** Organizing an MCnet school in India may make it more accessible to people who might not be able to tend a school in Europe, e.g. students from India or other Asian countries
- ▶ **In my personal opinion** MCnet is pretty awesome

What is required to organize an MCnet summer school?

Disclaimer: The exact guidelines are still being worked out

- ▶ **Scale** Expect 40-80 students and at least 8-10 staff members, who all need accommodation, workstations, internet access, etc. The venue could be a university lecture hall with lodging at a university guest house, or the school could take place for example in a hotel or conference centre.
- ▶ **Format** Schools typically start on Monday afternoon, and end on Friday in time for an afternoon departure. They typically involve long workdays, e.g. starting with lectures at 9 am, and informal group sessions ending at 9 pm
- ▶ **Funding** The host should cover the costs for MCnet staff*. The host may set a conference fee, but should not be at a level that makes a profit. There should be bursaries for students who would not be able to attend without financial support.

For more information, see montecarlonet.org