Sprint (software development)

A **sprint** is a get-together of people involved in a project to give a focused development on the project. Sprints are typically two to seven days long. Sprints have become popular events among some Open Source projects. For example, the PyPy project is mostly developed during regularly held sprints where most of the international developer team gathers.

The sprints are often held near conferences which most of the project team attend, but they can also be hosted by some involved party at their premises or some interesting location.

Sprints are organized around the ideas of the Extreme Programming discipline of software development. The sprint is directed by the coach, who suggests tasks, tracks their progress and makes sure that no one is stuck. Most of the development happens in pairs. A large open space is often chosen as a venue for efficient communication.

Sprints can vary in focus. During some sprints people new to the project are welcomed and get an intensive hands-on introduction pairing with an experienced project member. The first part of such sprints is usually spent getting ready, presenting the tutorials, getting the network setup and CVS or Subversion checkouts working on everyone's

Attendees

| Name	Dates	Tasks
Chris Rogers (RAL)	24-27 Oct	Detector integration plan; general support
Chris Tunnell (Oxford)	24-27 Oct	Online data quality - close out/review/tutorial; general support
Matt Littlefield (Brunel)	24-27 Oct	Merge geometry import; Step-2 like simulation
Peter Lane (IIT)	25 Oct	Optics code review/discussion
Anastasia Belozertseva (UChicago)	24 AM/PM, 26 AM only	Review pattern recognition; understand simulation/mc
Chris Heidt (Riverside)	24-27 Oct	Close out tutorials, argparse issues; start on tracker
Gene Kafka (IIT/FNAL)	24-27 Oct	Merge of Cerenkov code - Cerenkov geometry w. Littlefield. Progress
Edward Santos (Imperial)	24-27 Oct	Merge tracker simulation + digits
Oleg Lysenko (Chicago)	24-27 Oct	Revise tracker geometry?
Durga Rajaram (IIT)	24-27 Oct	Introduction to the code
Adam Dobbs (Imperial)	24-27 Oct	Define tracker workplan; define data structure
Summer Blot (Chicago)	24 AM/PM, 26 AM only	Review pattern recognition; understand simulation/mc
Rob Fletcher (Riverside)	24-27 Oct	Review TOF code/Yordan code
Pierrick Hanlet (IIT)	24 - 27 Oct	Run simulation
Pavel Snopok (IIT)	25 Oct	Optics code review/discussion
Linda Coney (Riverside)	26 Oct	Tracker discussion
David Neuffer (FNAL)	26 Oct	Optics discussion
Yagmur Torun (IIT)	?	Get code installed
Alan Bross (FNAL)	?	Tracker discussion
Ken Long (Imperial)	?	Tracker discussion by phone

Casual Clients
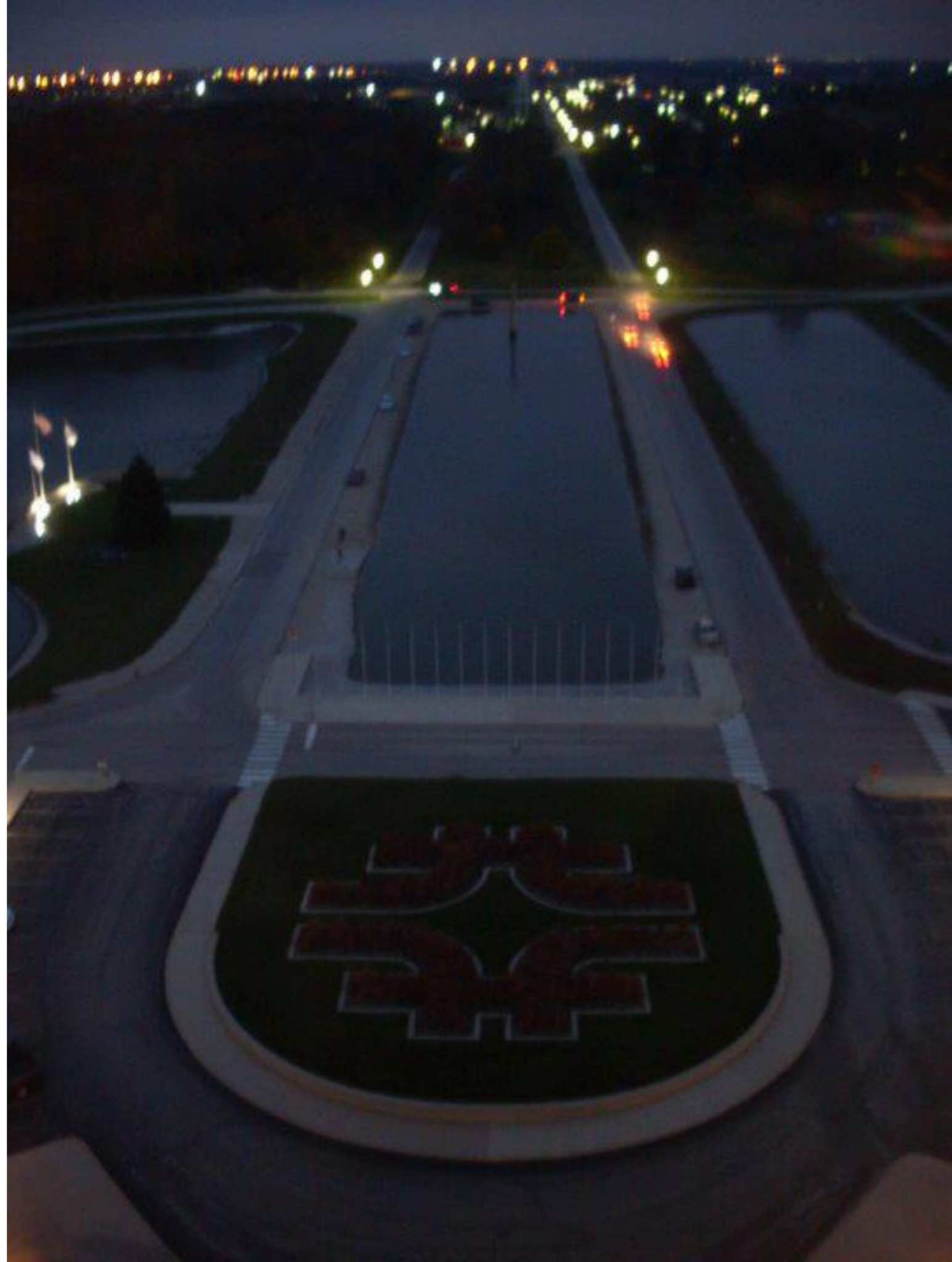
Milestones

- Tracker!

  - Great showing

  - MC, geometry, pattern rec., fitting, unpacking, data-structure, and *more*...

- Accelerator optics

- CAD Geometry!

- CKOV - reproduce G4MICE plots

- No TOF (*great* work being done, but we're too stupid to do it without Yordan present)

Thanks

Alan Bross, Margie Bruce, and Linda Coney for hosting

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and everybody coming to make it an incredibly successful meeting!