

# Accelerator Parallel Session

Conveners: Joel England (SLAC), Vladimir Shiltsev (FNAL)

- 20 Speakers from 11 different institutions worldwide.
- All are world-class scientists in accelerator research.
- Wide range of programs (Project-X, Atlas, eRHIC, Muon Collider, Super-B, KEK,...)
- Wide range of topics (new acc. technologies, luminosity improvements, facility upgrades, novel accelerator concepts)

## Why have an accelerator session at DPF?

- Opportunity to inform HEP/AP community about recent accelerator advances
- Feedback and cross-talk with the broader non-accelerator community

### Attendance Issue

- Typical attendance: 8-15 people, many of them accelerator researchers
- Possible remedies:
  - fewer parallel sessions (18 listed for DPF, with as much as 11 running at once)
  - more joint sessions (e.g. combining with Project-X, Linear Collider forums)

# Tomorrow: New Accelerator Concepts

Accelerator Physics Parallel Session: Friday 8-10am Room 557

**Wim Leemans (LBNL) 8:00am**

Laser Plasma Wakefield Acceleration and Prospects of HEP Colliders

**Bob Byer (Stanford) 8:30am**

Future Linear Collider Applications for Laser-Driven Dielectric Structures

**Patric Muggli (MPI) 9:00am**

Beam-Driven Plasma Wakefield Acceleration

