



Workshop goals, etc

- Similar detectors, lots to build on
 - Seek ways to cooperate and share knowledge, ideas, results, etc
 - Establish contacts and lines of communication
 - Discuss:
 - What has been done so far
 - Challenges and issues we're aware of
 - Plans for future work
- } plenty of details will be presented in coming talks!
- Rest of this (very short) talk: who's who in TFPX



TFPX Organization

Warning: the list is not complete!

Sensors and ROCs:

- Beam tests
- Irradiation campaigns
- Bumpbonding
- Sensor-ROC-Assembly (SRA) testing

Colorado
Cornell
UC Riverside
UIC
OSU
...

Modules:

- Module prodⁿ techniques & tooling
- Prototypes for mech/therm studies
- HDI prototyping
- Module testing

Purdue
Nebraska
CUA
UIC

Electronics:

- e-link prototyping/evaluation
- Portcard design,... fab, test
- Back-end DAQ design, firmware
- Test infrastructure
- Power and DCS

Kansas State
Rice
Univ Kansas
Vanderbilt
Boston
...

Mechanics:

- Structural design
- Cylinders
- Dees
- Integration
- Thermal Mgt.
- Services

Cornell
Purdue
UC Davis
...

Simulation:

- TkLayout
- FullSim
- Optimizations
- alternatives

Cornell
OSU
UIC
SUNY-Buffalo
JHU
...

Purdue-NW
Tennessee
Puerto Rico



TFPX Organization (formalities)

L1: Overall PI for NSF MREFC project: Anders Ryd

L2: TFPX: Karl Ecklund, Jim Alexander, Will Johns (dep.)

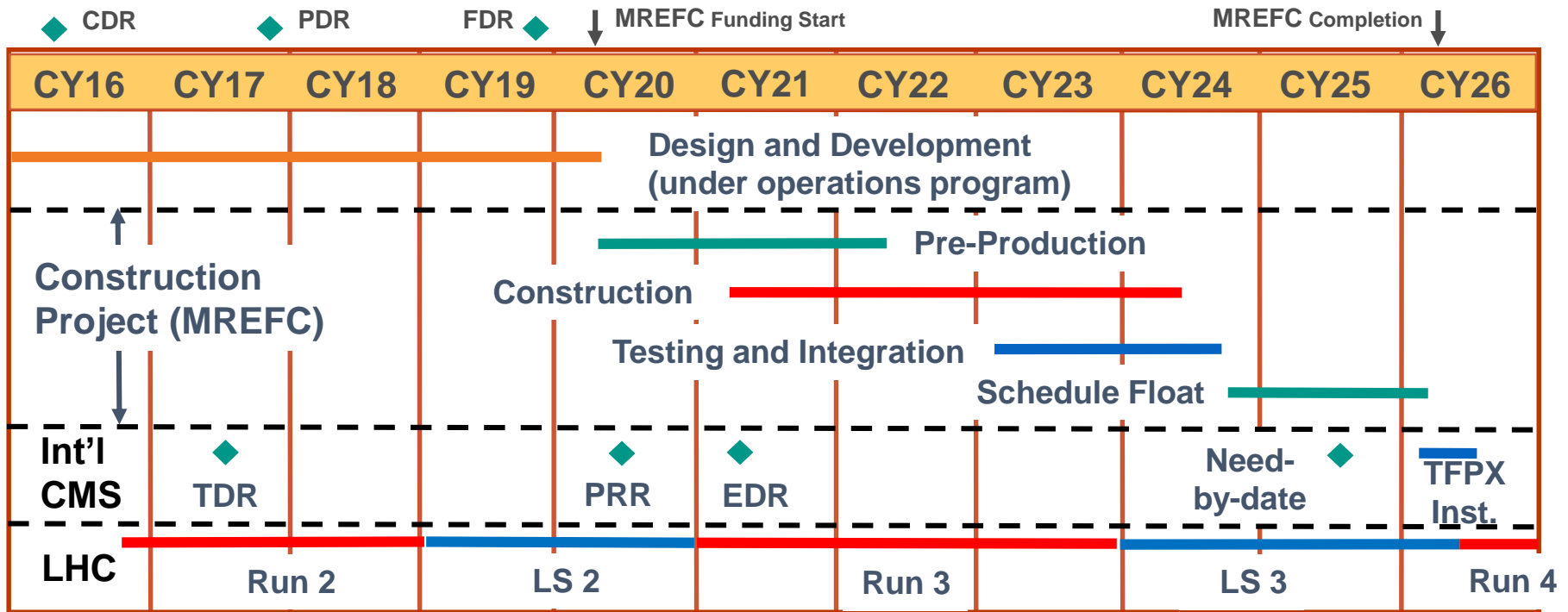
L3: TFPX

- Sensors & ROCs – Steve Wagner, Colorado
- Modules – Matt Jones, Purdue
- Electronics – Andrew Ivanov, Kansas State
- Mechanics -- Jim Alexander, Cornell

Deputy Tracker Upgrade Coordinator for Inner Tracker (?): Karl Ecklund



A very coarse timeline...



V1.4. Nov 20, 2017
@PDR

HL-LHC Operations Start ◆