

# HPS Slow Controls Organization

Hovanes Egiyan

# Slow Controls Group Goal

- Beamline monitoring and controls
  - Magnets, motors, beam monitoring
- ECAL monitoring and controls
  - Voltage control, temperature monitoring
- SVT monitoring and controls
  - Voltage controls, temperature monitoring, interlocks
- Alarm system
- Archiving of EPICS variables
- General Hall B equipment controls

# HPS Slow Controls Group

Name	Institution	Role/Component
Hovanes Egiyan	Jefferson Lab	Chair
Krister Bruhwel	Jefferson Lab	Hall B base equipment support
Francois-Xavier Girod	Jefferson Lab	Beamline
Srtepan Stepanyan	Jefferson Lab	Beamline
Pelle Hansson Adrian	SLAC	SVT, Integration
Sho Uemura	SLAC	SVT
Takashi Maruyama	SLAC	SVT/motion systems
Ryan Herbst	SLAC	CA server in SVT DAQ
Bryan McKinnon	Glasgow	SVT/ECAL voltage GUIs, Integration
Ken Livingston	Glasgow	Controls for ECAL light monitoring
Nerses Gevorgyan	Yerevan	EPICS IOCs/drivers
Ani Simonyan	Yerevan	Alarms and GUIs
Andrea Celentano	INFN Genova	Firmware for ECAL light monitoring

# Slow Controls Project Status

- Started bi-weekly slow controls meeting in June 2013.
  - The activities themselves start in in the project baseline in August 2013
- Main purpose of the meetings so far was understanding the requirements for HPS controls presented by the HPS working groups.
- Requirements collected from Beamline, SVT, ECAL.
  - Some details are still missing, will be provided at a letter time.
  - Provided information is sufficient to start development work.
  - Specifications are 3 months behind the schedule according to the baseline
    - Should not affect the HPS controls readiness in September of 2014
- Currently working on manpower assignment and on improved estimate of the required budget
  - SVT chiller software may be delegated to JLAB accelerators controls group.
  - Trips from Glasgow and Yerevan will be needed, can be funded from the project.
  - Current plan should allow to achieve the present goals within the WBS budget.