

AAC Review at Fermilab - Dec. 2016**AGENDA****Tuesday 06 December 2016**

Executive Session - Comitium (WH - 2SE) (08:30-09:00)

Greeting & Discussion with Fermilab Director Nigel Lockyer - Comitium (WH - 2SE) (09:00-10:00)

Introduction - setting the stage - Comitium (WH - 2SE) (10:00-11:00)
Sergey Sergei Nagaitsev (Accel. Div.) and Sergey Belomestnykh (Tech. Div.)

Fermilab's Plans and Progress toward developing high-field Nb₃Sn Magnets for Future HEP Accelerators as part of the US Magnet Development Program - Comitium (WH - 2SE) (11:00-12:00)

Alexander Zlobin

Light Lunch for AAC Members - Comitium (WH - 2SE) (12:00-13:00)

Fermilab's Place in the DOE Accelerator Science Programs - Comitium (WH - 2SE) (13:00-15:30)

V. Shiltsev – Accelerator Science in the FNAL Roadmap

A. Valishev – Progress on FAST and IOTA

J. Amundsen – Accelerator Modeling with SYNERGIA and MARS

S. Chattopadhyay – The NIU-Fermilab Center for Research Excellence
in Accelerator Science

M. Syphers – Activities on the CERN Future Circular Collider

P. Piot – Experiments at FAST

Further Discussion - Comitium (WH - 2SE) (15:30-16:30)

AAC Executive Session - Comitium (WH - 2SE) (16:30-18:30)

Drinks & Dinner at Chez Leon - Comitium (WH - 2SE) (18:30-20:30)

Wednesday 07 December 2016

Questions and Answers from Tuesday - CANCELLED - start presentations instead - Comitium (WH - 2SE) (08:29-08:30)

Reliable Operations at 700 KW - Comitium (WH - 2SE) (08:30-10:30)

W. Pellico – Proton Improvement Plan, Linac, and Booster

P. Adamson – Recycler and Main Ring

1.2 MW PIP-II - Comitium (WH - 2SE) (10:30-12:30)

S. Holmes – Linac & Booster/Recycler/Main Injector Performance Requirements

P. Derwent – PIP-II Linac R&D Program

I. Kourbanis – Booster/Recycler Ring/ Main Injector R&D Plan

Working Lunch for AAC - Comitium (WH - 2SE) (12:30-13:00)

Considerations for Interim 900 KW (aka PIP-I+) - Comitium (WH - 2SE) (13:00-15:00)

V. Shiltsev – Introduction & Scope

W. Pellico – Proton Source

I. Kourbanis – Main Injector, Recycler Ring, and Muon Campus

R. Zwaska – Targetry

Further Discussion - Comitium (WH - 2SE) (15:00-17:00)

AAC Executive Session - Comitium (WH - 2SE) (17:00-18:30)

AAC dinner on their own - Comitium (WH - 2SE) (18:30-21:30)

Thursday 08 December 2016

Questions & Answers from Wednesday - no presentation,

just examples of Benchmarking Simulations - Comitium (WH - 2SE) (08:30-09:30)

W. Pellico, R. Ainsworth, J. Amundsen

Preparation for Closeout - Comitium (WH - 2SE) (09:30-11:30)

Closeout - Comitium (WH - 2SE) (11:30-12:30)

Box Lunch Available for AAC - Comitium (WH - 2SE) (12:30-13:00)