**Muon Pulsed Septum Magnet design review**

February 11, 2016 at 8:30 am in IB2 conference room

**Review purpose**

MSD is responsible for design and fabrication of pulsed septum magnets (injection and abort) for the Muon Delivery Ring AIP. Two magnets and one spare unit will be fabricated in total. The purpose of this review is to discuss the magnetic and mechanical design, and initiate discussion of the production plans.

**The review questions:**

1. Are the magnet specifications complete?
2. Does the present magnetic design meet the requested specifications?
3. Are the present magnetic design and mechanical model adequate for operating requirements both in the injection and abort systems?
4. Have all risks, especially connected with pulsing operation, been identified and addressed?

**Review Charge:**

1. Reviewers are required to comment on soundness of the magnetic and mechanical design
2. The review committee is asked to comment on presentations, as well as on answers provided during the discussions
3. The review committee is asked to prepare a short summary with their findings, comments and recommendations within one week of the review

**Review agenda:**

1. The magnet specifications and the magnetic model (Vladimir Kashikhin)
2. The magnet mechanical model (Alexander Makarov)
3. The preliminary production schedule (TBD)
4. Discussion

**Review committee members:**

1. Iouri Terechkine (chair)
2. Nikolai Andreev
3. Steve Krave
4. Jim Lackey
5. Mauricio Lopes
6. Jim Morgan