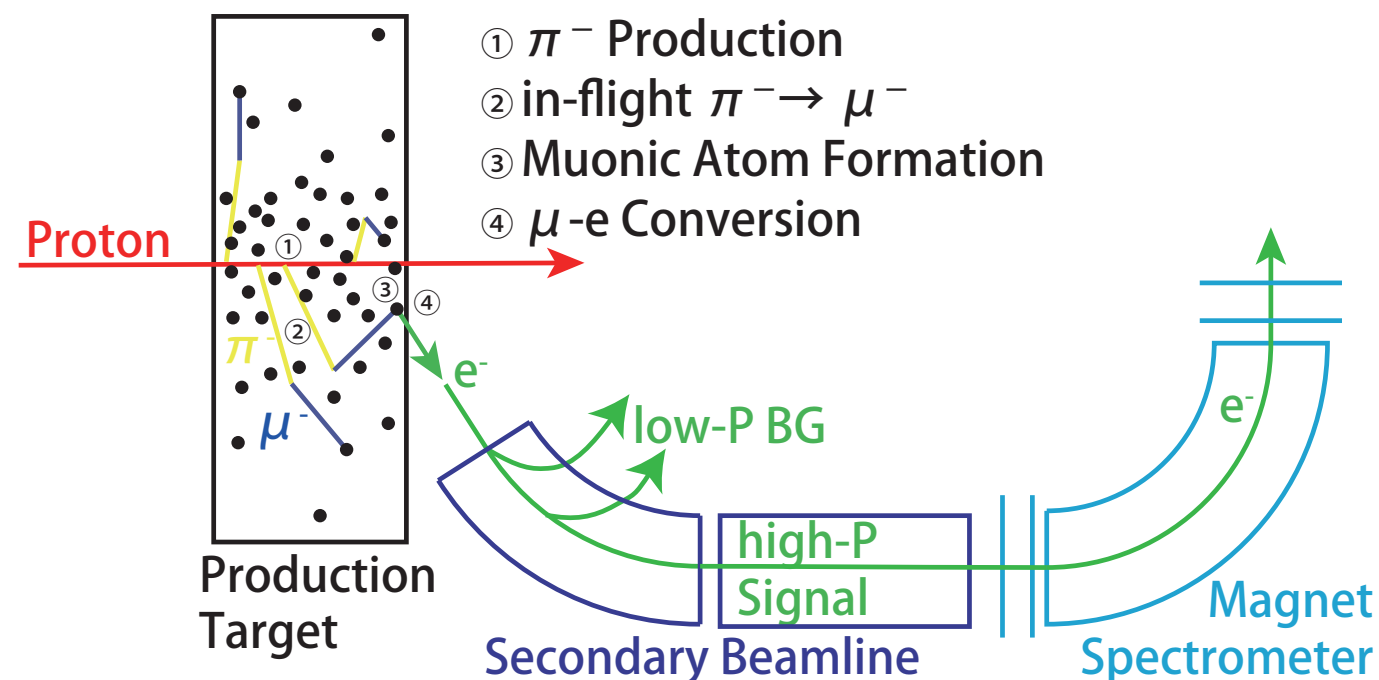
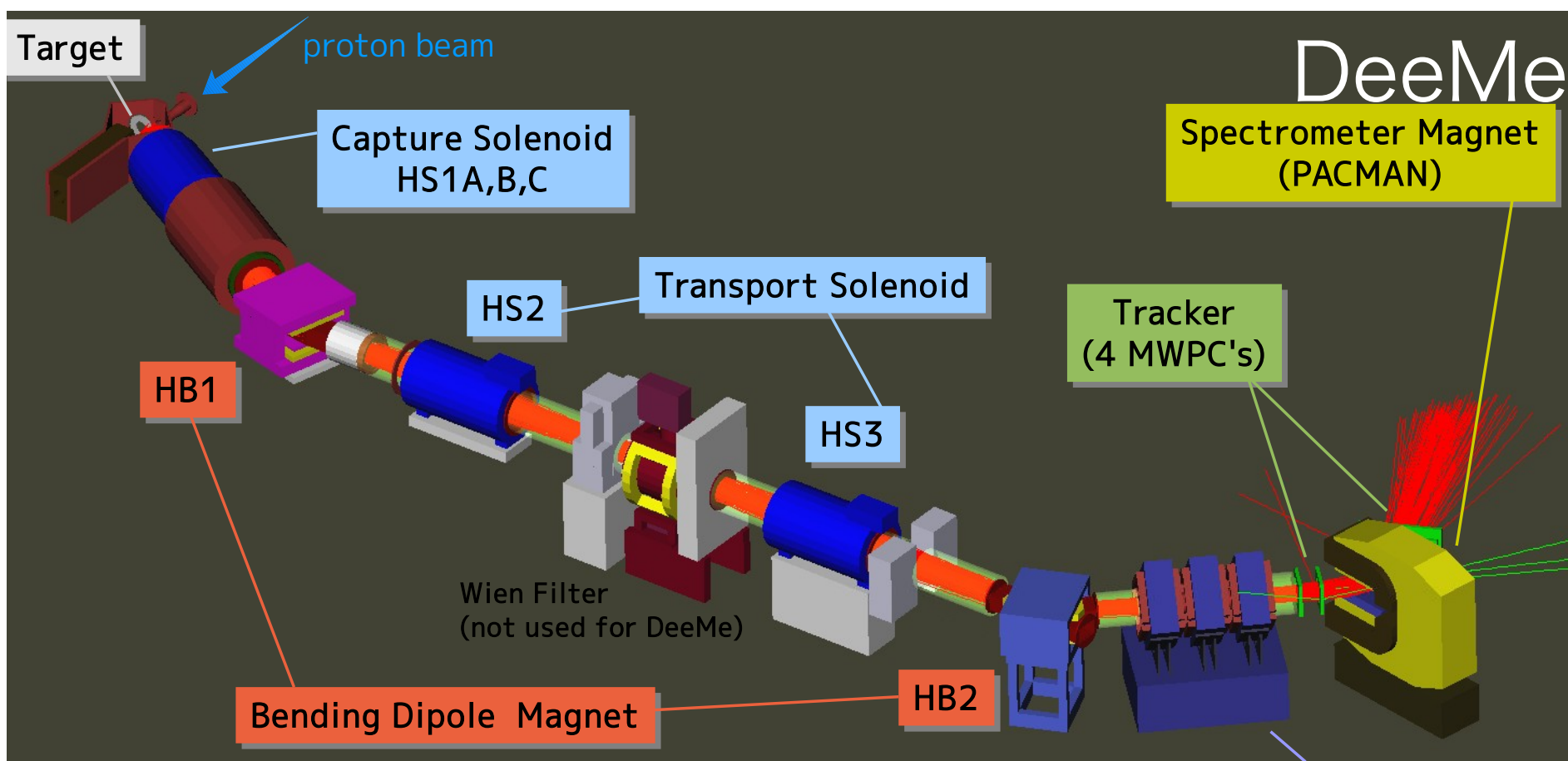


# DeeMe: Search for $\mu$ -e Conversion



- IMSS/Muon PAC: Stage-2 Approved
- J-PARC/RCS: High-Power High-Purity Pulsed Proton Beam.
- Production Target as  $\mu$ -stopping target.
- H-Line/MLF: Large-Acceptance Beam line.
- State-of-the-Art MWPC Technology
- S.E.S. —  $BR \sim 5 \times 10^{-15}$   
 (8 x 10<sup>7</sup> sec of data taking with SiC target)
- Start the physics run with graphite target
  - S.E.S. —  $1 \times 10^{-13}$  (2 x 10<sup>7</sup> sec)
- Aiming to start the engineering run in **2016**.



Magnet leased from TRIUMF

