



GEM-foil Upgrades for CMS

Jessica Allan

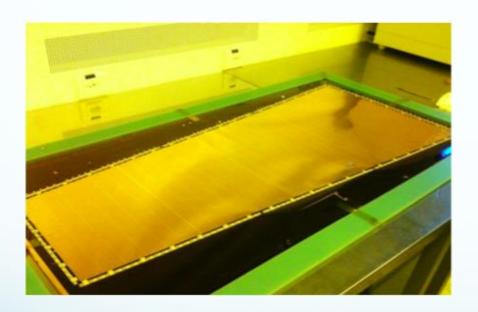
1

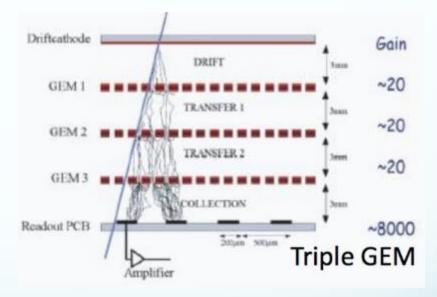


What are GEM foils?



Gas Electron Multiplier



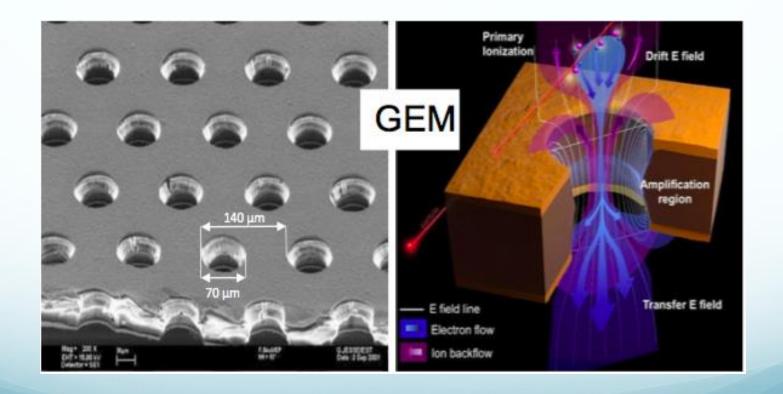




How do they work?



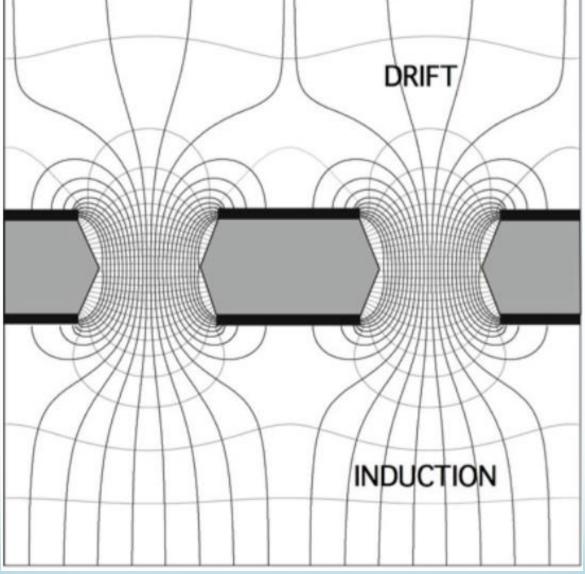
Large Electric Field creates avalanche of electrons







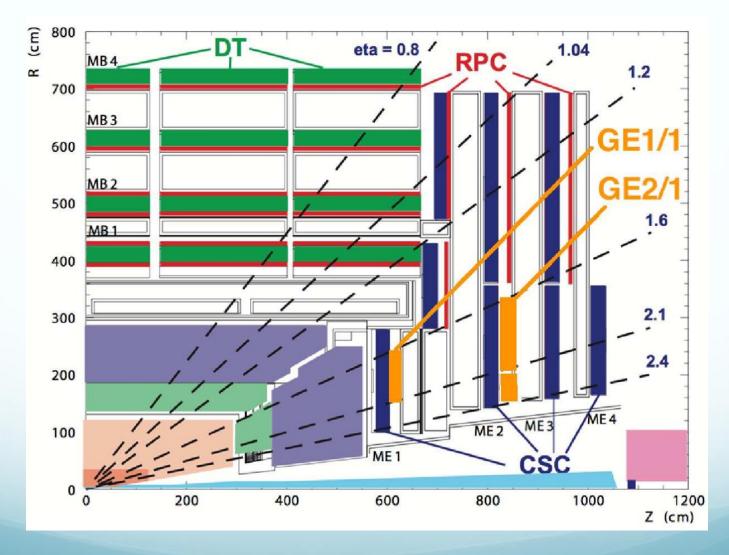






Usage in CMS

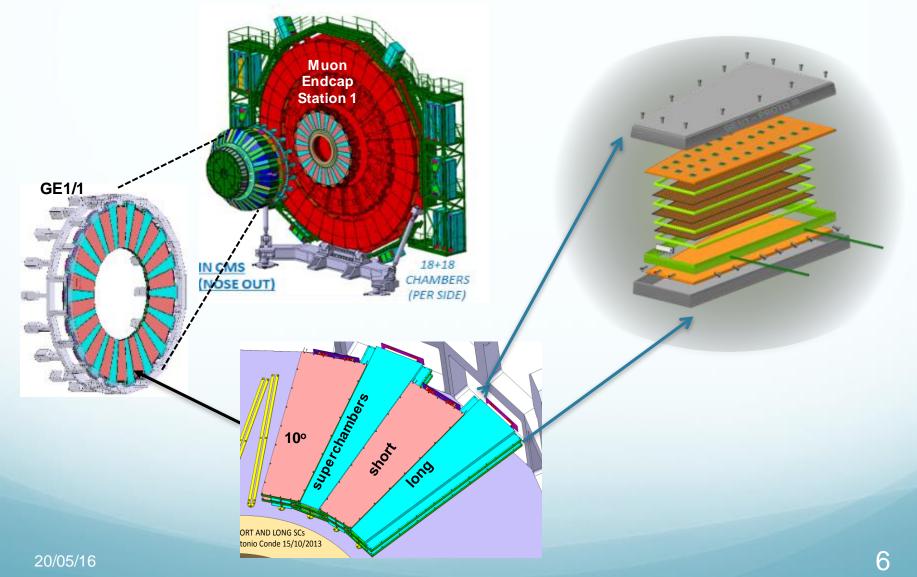






Usage in CMS















What do I do?

Test the foils at High Voltage







