

## Mössbauer Spectrometers

Building 26 (PEMS South), rooms G38 and G41

$^{57}\text{Fe}$ -Mössbauer resonance, 2 – 300 K (contact Stewart Campbell, Glen Stewart)

$^{169}\text{Tm}$ - Mössbauer resonance, 0 – 800 mm/s, 2 – 300 K (contact Glen Stewart)

$^{57}\text{Fe}$ -Mössbauer with millikelvin platform (contact Wayne Hutchison, Glen Stewart)

A suite of spectrometers is routinely employed for  $^{57}\text{Fe}$ - and  $^{169}\text{Tm}$ -Mössbauer spectroscopy measurements at room temperature and over the temperature range, 4.2 - 300 K, with a high temperature furnace (300- 720 K) for  $^{57}\text{Fe}$ . There is also a very low temperature platform for both source- and absorber geometry measurements down to about 10 mK.

Room G41,  
Stewart Campbell



Room G38, Glen Stewart

