*ABSTRACT*

**XRD Forum**

All speakers are invited to discuss about using XRD technology for ferrous samples as we have known that using the most common copper anode in diffractometer will lead to X-ray fluorescence. The XRD specialists are invited to introduce the technologies in improving the signal to noise ratio in the diffraction pattern although copper anode is the choice. Other speakers will share the experience using different diffractometers including synchrotron.