

**Date and time:**

Thu, 2014-09-25 19:31

**Location / Venue:**

Manchester, United Kingdom



Wilson Kairu did an oral presentation at the 53<sup>rd</sup> British Institute of Nondestructive Testing Annual conference held in Manchester, UK between 9<sup>th</sup> to 11<sup>th</sup> September 24, 2014.

His paper titled: **“Measurement of compressive strength and rebar parameters of reinforced concrete in buildings in Nairobi, Kenya”**, involved development of a calibration curve for a Schmidt rebound hammer, accuracy test data for a Profometer 5+ (Covermeter) which measures the depth of cover, location and diameters of rebars, and insitu measurements of concrete in existing buildings. With many cases of collapsed building in the past, his work seeks to highlight the importance of nondestructive testing in sustainable infrastructure development and the role they can play in the quality assurance and characterization of material properties and damage as a function of time and environmental influences.

