



# New Buehler Solutions Centre

Materials Engineering Centre, Warwick Manufacturing Group (WMG) Available for Metallography & Hardness Testing Training, Process Improvement, Consultations

**Buehler, ITW Test & Measurement GmbH announces a new location** - Buehler is pleased to announce a new location move for its United Kingdom Solutions Centre to a brand-new facility within Warwick Manufacturing Group (WMG), an academic department of the University of Warwick, with over 600 staff, and a strong relationship with over 1000 global companies and offering support to over 1800 SMEs through dedicated programmes. The Buehler Solutions Centre is a collaborative venture between WMG and Buehler to better support academic and industrial research on various technologies ranging from additive manufacturing, energy storage and system characterisation, machining of metallic and composite materials, material processing and joining technologies among others.

The new laboratory is housed within the Materials Engineering Centre and is equipped with the latest metallographic sample preparation equipment ranging from abrasive and precision sectioning equipment, high end grinder-polishers for sample preparation and a wet characterisation unit for chemical characterisation of materials.

The centre also houses a microscopy and hardness suite that is equipped with a range of latest Buehler hardness testers with various degree of automation and testing capabilities, and Nikon optical mi-

croscopes interfaced with image analysis software ideal for metallographic analysis.

Paul Johnson, WMG's technical services manager notes, "This well-equipped and well-appointed microscopy, metallographic and materials preparation laboratory housed within our new Materials Engineering Centre provides a valuable resource for the entire group. WMG's continued success in the wide variety of research fields, in which we operate is built on having the ability to utilize the very latest equipment - which is always well maintained and highly accurate. The opportunity to work side by side with a leading developer, producer and supplier of the latest metallographic preparation and characterization equipment is a mutually beneficial relationship where Buehler can gain knowledge to develop their product range whilst working with the very latest materials that we are developing and we, can further develop and manufacture these material products. The great relationship that we have built here continues to facilitate that goal."

Metallography Classes are held at the centre throughout the year by Buehler. The next class will be held July 16-18, 2019. For further information or to make arrangements for a visit or tour please contact Dr E Mogire at [evans.mogire@buehler.com](mailto:evans.mogire@buehler.com).



Dr. Mogire and the recent graduates of the metallography class.

Dr. Evans Mogire, Buehler European Technical and laboratory manager explains, "The new Buehler Solutions Centre allows us to better address complex customer application and/or technical requests relating to metallography, as well as offering exceptional facilities for conducting and hosting seminars and training in an ever-changing materials world". He also stresses, "The collaborative relationship with WMG is one of a win-win relationship, and as a resident material scientist within this facility, the synergetic relationship with WMG offers Buehler and its stakeholders' exceptional exposure to cutting edge characterization technologies to address metallic, polymeric, ceramic, and composite materials solutions".

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