

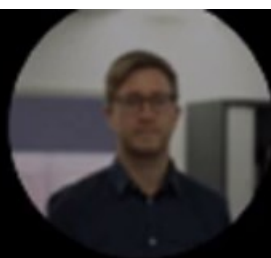
Characterising the Micro-Mechanical Properties of Your Samples Using the Linkam Modular Force Stage

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Abstract

Understanding the micro- and thermo- mechanical properties of materials is increasingly important. In this workshop, we look at the material properties that can be characterised through mechanical testing, such as the tensile strength, modulus, yield stress and failure point, and the influence of temperature on these properties. We also discuss the range of materials that can be characterised from delicate electrospun nanofibers, through polymers, foods and biomaterials, to heavyweight industrial composites. This workshop shows how Linkam's [modular force testing system](#) can be used to gain a better understanding of microscopic and thermo-mechanical properties for a wide variety of samples and applications.



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