



EIS Young Engineers Forum

WEBINAR:

Strain Gauges are everywhere – from first principles to real-world applications

19 January 2022 1-2pm



Presenter: Anton Chitney,
Vishay Measurements Group

Strain gauges are absolutely everywhere. They interact with your daily life, both directly and indirectly, whether you are aware of them or not. From the food on your table, the vehicles you travel in, bridges you cross, supermarket self-checkouts and even biomedical applications. If you ever have dental work or are unlucky enough to undergo surgery, strain gauges are used in ways often beyond imagination. In this short presentation we'll discover what a strain gauge is, how it works, a brief overview of how to install them and review some real-world application case studies.

Anton has worked with strain gauges for more than 30 years. In that time he has repaired and calibrated instrumentation, installed gauges and captured data on a variety of materials in many environments, including bone for evolutionary biology investigation, a hydroelectric power station, sea trials for a missile system, vehicle testing on a well-known test track.

Presenting training workshops has been a key part of his career. Anton has also been a member of the British Society for Strain Measurement's CERCO committee for several years which includes the role of examiner for the strain gauge installation certification scheme.

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ATTEND

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email
info@e-i-s.org.uk

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