Characterization of flexible films circuit boards adapted to the suitability for a novel mechanical processing

Flexible circuit film markets are growing globally. We at DPP have a unique mechanical process to manufacture flexible circuit boards.

Dry Phase Patterning (dppatterning.com)

Description of the master thesis

As a relatively new type of industry, new related standards and test procedures are required. Some standards already exist, for example ASTM D1876 for peeling tests. However, no standards are currently defined in relation our novel flexible circuit manufacturing method.

This master thesis aims at investigating the previous applicable methods and at the development of new related standards to test different films. Previous data and other related standards should be looked at to facilitate the development project.

Your profile

This Master Thesis is suitable for 1-2 students with interest in application and development of testing methods.

You are studying mechanical engineering / materials, technical physics or some other discipline that relates to testing using a mechanical apparatus.

You are at the end of your education and about to start your Master Thesis work.

Work scope:

You will work closely with people who have experience in conventional testing and micro-manufacturing methods. This work requires Hands-On ability and the capability of running
tests independently. Your curiosity and engineering background will serve to develop new adapted testing methods.

How to apply:
Send your CV and a letter explaining how and why you can contribute to this project.

Last application day:
2022-11-31, however the application process will be handled in a rolling fashion and the position might be filled before the last application day.

Contact information
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