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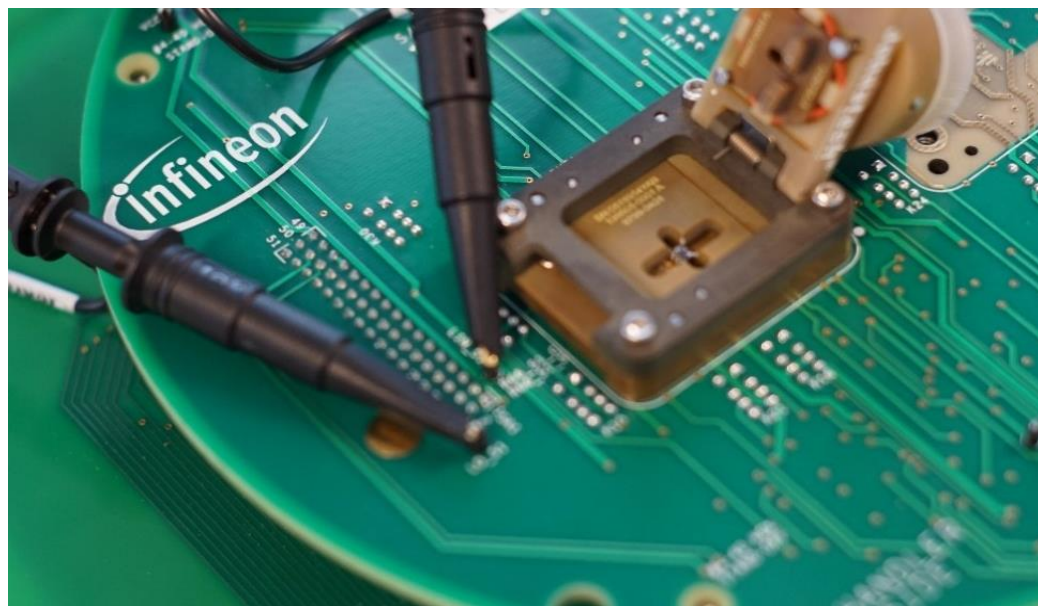
NATIONAL PHD SCHOOL IN MICRO
AND NANO ELECTRONICS

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Magenta Seminar Room
Dept. ECBE, D Floor

Test Development Engineering: Fundamentals and challenges

Speaker: Daniela Barge (Infineon Technologies, Pavia)



Abstract: An overview of the main aspects of test development engineering activity is given. Integrated circuits' test development flow is presented with respect to device development steps. Fundamental concepts like measurement error and test stability are treated together with the key aspects of data analysis inherent to production control. Some challenges of test development activity related to limits of test machines are also analyzed and possible solutions presented.