

Session: SS

Microwave Measurements

Chairman:

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Some of the emerging technologies in microwave techniques are focusing in material characterization, using various microwave network analysis procedures. A number of papers, in this session deal with these problems and provide some novel solutions. One of the papers shows a smith chart representation by a neural network. Another paper reports accuracy improvements in two-part noise parameter extraction methods. The last paper gives experimental and theoretical results on a microwave heated, fluidized bed reactor, especially applicable in high purity silicon chemical vapor deposition.

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