

Physics Department Seminar

Friday February 21st, 2014

3:00pm in Physical Science 105

“Breaking CMM Technology”

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Abstract:

There have been many advances in CMM (coordinate measurement machine) technology in the last few decades. These advances continually refine the accuracy of mechanical type measurements. Unfortunately the accepted calibration and measurement techniques do not give these machines their due credit. With a little physics understanding and a little math we can push the limits of these machines and leverage their full capabilities. We will talk about the limits of these machines and how to “break” those limits to achieve optical quality measurements.

