

Society of Motion Picture and Television Engineers  
Detroit Section Meeting Notice  
January 2005

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DATE: **Tuesday, January 18, 2005**

TIME: **7:30 PM**

LOCATION: **Farmington Schools Training Center**  
33000 Thomas St. (near Grand River and Farmington Rd.)  
Downtown Farmington, Michigan

SUBJECT: **STANDARD AND HIGH-DEFINITION SDI MONITORING**

SPEAKERS: **Karl Kuhn**  
Tektronix

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Tektronix will present a mini-seminar on monitoring SDI and HD SDI signals. Included will be an overview of analog-to-digital conversion, SDI waveforms and their use, physical layer measurements, gamut measurements, timing and jitter, and High Definition television terminology and measurements.

Karl Kuhn has been with Tektronix for five years and is currently a Video Systems Application Engineer based in the Washington, DC area, supporting Analog/Digital Video, MPEG, and RF. Before working for Tektronix, Karl was the lead Video Test Engineer for IBM in their Digital Video Development Laboratory in Bethesda, MD. Karl holds three US patents and one international patent that cover In-service Testing of Digital Broadcast Video. He is the Secretary and Treasurer for the Washington DC Section of the Society of Motion Picture and Television Engineers (SMPTE). He is also a Certified Project Management Professional through George Washington University.

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MANAGERS' DINNER will be at 5:30 PM at **Page's Food and Spirits**, 23621 Farmington Rd. (South of Grand River), Farmington. (248) 477-0099.

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Guests and Non-Members are Welcome