

The AAPM TG18 is a new initiative for acceptance testing and quality control of electronic display devices for medical applications. The recommendations, based on the newly-designed TG18 test patterns, include detailed visual and quantitative methods and specific acceptance criteria for objective assessment of display quality. The display characteristics considered include luminance, luminance uniformity, resolution, noise, veiling glare, reflection, angular dependencies, color uniformity, geometrical distortions, and display artifacts. The goal of this workshop is to present a tutorial and hands-on experience on practical aspects of display set up and display performance evaluation based on the TG18 methodology. Representatives from the TG18 committee and from industry will be present to demonstrate and discuss display evaluation issues.

#### TG18 Display Evaluation Workshop Participants:

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Jerry Gaskill, IMAGE Smiths, Inc., Germantown, MD  
Mikio Hasegawa, Totoku Electric Co., Ltd. Ueda, Nagano, Japan  
Jay Lorenz, BarcoView, LLC - Medical Imaging Systems, Duluth, GA  
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Jeff Shepard, M.D. Anderson Cancer Center, Houston, TX  
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