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College of Science

Chester F. Carlson

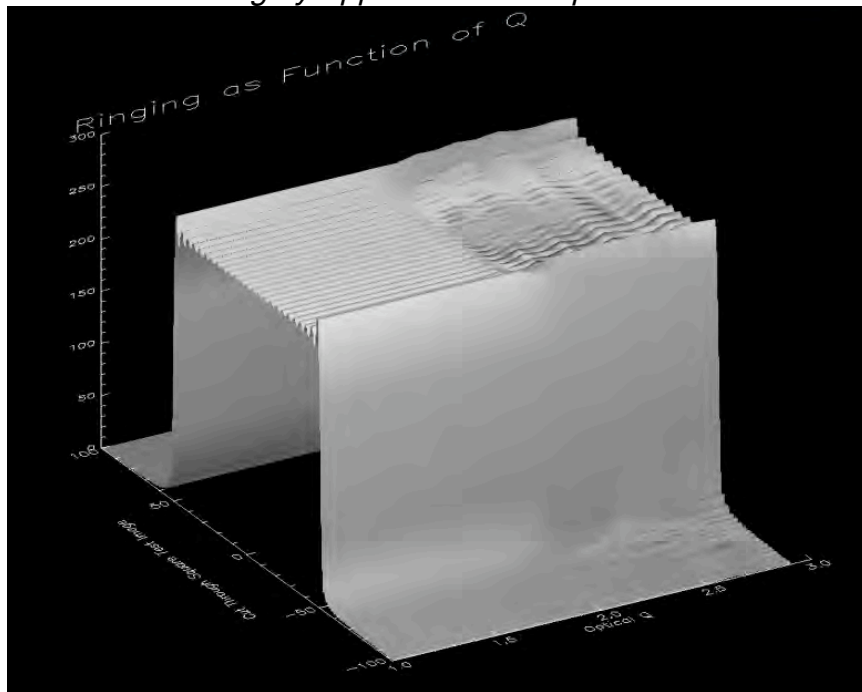
Center for **IMAGING** SCIENCE

Seminar Series

# Edge Ringing Artifact Suppression for Enhanced Resolution (ERASER)

**Ron Fairbanks**

*Electro-Optical Technical Director and Deputy Director of Product Chain Analysis  
Integrity Applications Incorporated*



Current state-of-the-art modulation transfer function correction (MTFC) can leave edge-ringing artifacts or blurred edges in electro-optic imagery. ERASER utilizes advanced non-linear synthetic aperture radar image apodization processing. ERASER efficiently allows removal of edge artifacts enabling aggressive Wiener-Helmholtz or inverse filter MTFC.

*Dr. Fairbanks is Co-op and Intern Program Coordinator for IAI. He will host pizza and soft drinks following the presentation to meet students and discuss faculty interaction.*

**4pm, Wed, Sep. 23, 2008**

**Auditorium of the Center for Imaging Science**

**[www.cis.rit.edu/seminar](http://www.cis.rit.edu/seminar)**

**for up-to-date seminar schedule, video archives and abstracts.**