



*Printing Process Identification and
Image Analysis for Forensic Document Examiners*

October 18-21, 2016

Tuesday – October 18, 2016 – CIMS, Room 2150

8:15	Welcome and Introduction	
8:30-10:00	Color Basics & Color Perception Image Reproduction	Dave Cohn RIT
10:00-10:15	Break	
10:15-12:15	Traditional Printing Processes <ul style="list-style-type: none"> - Flexography - Gravure - Intaglio - Lithography Security Printing Inks	Tom Jay RIT
12:15-1:15	Lunch	
1:15-3:00	Digital Printing Processes <ul style="list-style-type: none"> Donor Ribbon <ul style="list-style-type: none"> o Thermal Wax o Dye Diffusion 	Eric Kunsman RIT
3:00-3:15	Break	
3:15-4:30	Digital Printing Processes Continued <ul style="list-style-type: none"> Ink Jet <ul style="list-style-type: none"> o Continuous o Drop-on-Demand o Toner <ul style="list-style-type: none"> ▪ Dry ▪ Liquid 	
4:45	Shuttle to hotel	



Wednesday – October 19, 2016 – Room 2150

8:30 – 10:00	Digital Image Processing and Analysis	Majid Rabbani Kodak
10:00 - 10:15	Break	
10:15 - 12:00	Digital Image Processing and Analysis Continued	
12:00 – 1:00	Lunch	
1:00 – 4:00	Forensic Analysis of the Printing Processes	Amanda Moffett Greg Dalzell USSS
4:15	Depart from RIT	

Thursday – October 20, 2016 – CIMS, Room 2150

8:30 – 4:30	Hands-On-Sessions	Amanda Moffett Greg Dalzell USSS
	Using instrumentation to Determine Document Authenticity Forensic Identification of Printing Processes and the Determination of Class and Individual Characteristics	
	<i>Instrumentation Discussion and Demonstration</i>	Michael Zontini Allyce McWhorter Foster Freeman
	<i>(Breaks along the way)</i>	
12:00 – 1:00	Lunch	
1:00 – 4:30	Hands-On-Sessions (continued)	Amanda Moffett Greg Dalzell USSS
	<i>Instrumentation Discussion and Demonstration</i>	Michael Zontini Allyce McWhorter Foster Freeman
	<i>(Breaks along the way)</i>	
4:45	Depart from RIT	

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Printing Applications Laboratory

Solutions for the Printing and Imaging Industries

Friday – October 21, 2016 – CIMS, Room 2150

8:30 – 12:00 Security Printing Papers

- Paper Basics
- Paper Characteristics
- Industry Specifications
- Security Features
- Watermarking

Mike Caffrey
Appvion, Inc.

12:00-1:00 Lunch

1:00 – 4:00 Digital Printing Lab Demonstration, Room 1425, CIMS

Dan Clark
RIT
John Dettmer
RIT

(Break along the way)

4:00 – 4:15 Wrap-up, certificates

4:30 Depart from RIT