

SUN/AICC Training

February 7 & 8

SUN Automation – Glen Arm, Md

Day 1

Time	Presentation	Trainer
8:00 AM	Registration Coffee, Water, Pastries	
8:30 AM	Official Welcome and Introductions Distribute training resources, attendee and trainer lists. Bathroom locations and training expectations (cell phones, etc)	Assorted VIPs
9:00 AM	What are you trying to do with Digital? <ul style="list-style-type: none">• Customer Response – faster deliveries?• Reduce Cost – eliminate print plates, ink kitchens, & reduce setup times?• Increase Value – From block printing to Picture printing?• Save your butt – Everyone is doing it, must be something to it?	Paul Aliprando SUN Automation
10:00 AM	Break	
10:15 AM	Paper compositions for digital liners	Allie O'Brien KemiArt US Inc.
10:35 AM	Corrugated for Digital <ul style="list-style-type: none">• How corrugated for digital differs from legacy corrugated?• Why – what does digital require that is different?<ul style="list-style-type: none">◦ Flatness◦ color◦ moisture content◦ Calendar◦ weight◦ microflutes - smooth surface• How will it compare?<ul style="list-style-type: none">◦ Availability◦ Cost◦ Storage conditions	Troy Hewgley DS Smith
11:15 am	Ink and Ink types <ul style="list-style-type: none">• Digital ink<ul style="list-style-type: none">- what makes it different from other types of ink- where is it used in today's marketplace (everyday things that are printed digitally)• Aqueous vs UV<ul style="list-style-type: none">- Where is each typically used- Pros and cons of each	Jerry Fitch Sensient Colors
12:00 PM	Lunch	

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12:45 PM	Printer Types Multi Pass or Scanner <ul style="list-style-type: none">• Basic theory of operation• Pros & cons• Typical Uses Single Pass <ul style="list-style-type: none">• Basic theory of operation• Pros & cons• Typical Uses	Brad Albright ColorHub
1:15 PM	Printer Demonstrations	Josh McNaughton Xante Corporation & Darin Boling SUN Automation
1:45 PM	Business Models for Digital Print in Corrugated	Brad Albright ColorHub
3:00 PM	Break – Coffee, water, soda	
3:15 PM	Printer Maintenance and Inspection <ul style="list-style-type: none">• Calibration – Software and Mechanical• Missing Jets Ink	Darin Boling SUN Automation
3:30 PM	<ul style="list-style-type: none">• Printer Maintenance and Inspection Demos	Josh McNaughton Xante Corporation & Darin Boling SUN Automation
4:00 PM	<ul style="list-style-type: none">• Designing artwork for minimizing ink usage• Using halftone screens to emulate flexo - bridge the gap between a digital sample and the flexo job	Josh McNaughton Xante Corporation
4:30 PM	Review and Preview – Plans for the evening	Paul/David
5:30 PM	Dinner reservations at McFaul's Ironhorse Tavern	

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Day 2

8:00 AM	Doors Open - Coffee, Water, Pastries	
8:30 AM	Welcome Back <ul style="list-style-type: none">• Questions from previous sessions• Preview of today's events	
9:00 AM	Artwork <ul style="list-style-type: none">• Artwork<ul style="list-style-type: none">○ Do you have the right artwork?○ File type - PDF, TIF, JPG, EPS○ File Size - Resolution	Ray Weiss SGIA
9:30 AM	Print Quality Variables <ul style="list-style-type: none">• Ambient/Environmental• Ink temperature at jetting• Substrate temperature• Static Electricity• Head Height• Nozzles<ul style="list-style-type: none">○ Waveforms• Directional Alignment• Sheet Stability<ul style="list-style-type: none">○ Media Feed○ Skewing• Sheet Cleaning	David Carmichael SUN Automation
10:15 AM	<ul style="list-style-type: none">• Break – Coffee, water, sodas	
10:30 AM	Software <ul style="list-style-type: none">• Raster Imaging Processor (RIP)• Translator for the Print Heads• Color Management<ul style="list-style-type: none">○ Profile - Obtain the colors desired on the Substrate being used○ Measuring – Spectrometer○ Brand Colors – Color Gamut Variables	Ray Weiss SGIA
12:00 PM	Lunch <ul style="list-style-type: none">○ Certificates and Gifts distribution to attendees and trainers.	

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1:00 PM	Demonstrate printing of the image on each process Split group demonstrations. Prints brought back to classroom for discussion.	Josh McNaughton Xante Corporation & Darin Boling SUN Automation
2:00 PM	Certificates and Gifts distribution to attendees and trainers.	
2:30 PM	Hands on Time for attendees and trainers to spend 'hands on' time with the machines under supervision of the operators	Josh McNaughton Xante Corporation & Darin Boling SUN Automation
4:00 PM	Training Closed	