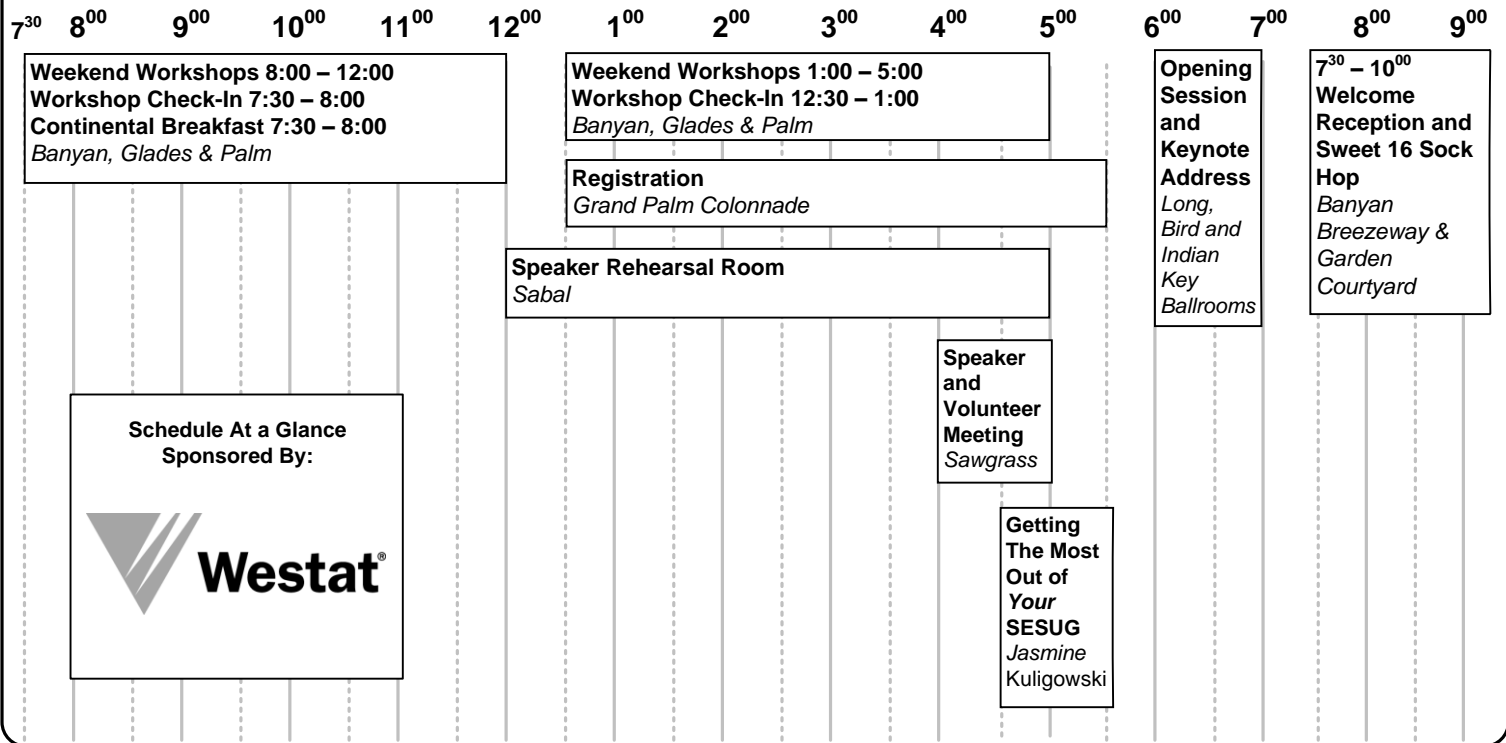
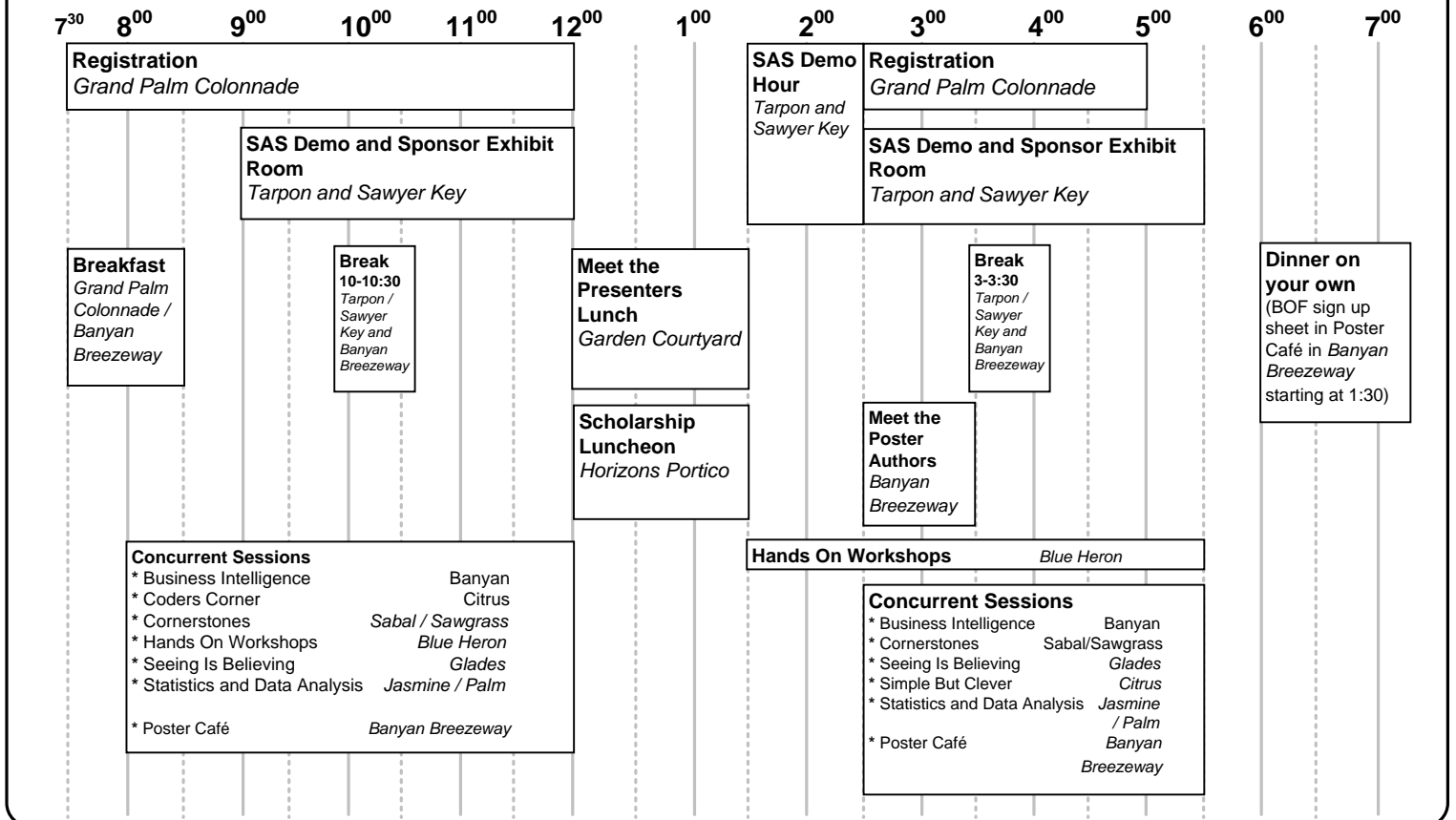


SCHEDULE AT A GLANCE

Sunday, October 19



Monday, October 20



SCHEDULE AT A GLANCE

Tuesday, October 21

7 ³⁰	8 ⁰⁰	9 ⁰⁰	10 ⁰⁰	11 ⁰⁰	12 ⁰⁰	1 ⁰⁰	2 ⁰⁰	3 ⁰⁰	4 ⁰⁰	5 ⁰⁰	6 ⁰⁰	7 ⁰⁰	8 ⁰⁰
Information Desk Grand Palm Colonnade						Information Desk Grand Palm Colonnade						7 ⁰⁰ - 9 ³⁰ SAS User Appreciation Mixer Breckenridge Deck	
Breakfast Grand Palm Colonnade / Banyan Breezeway		SAS Demo and Sponsor Exhibit Room Tarpon and Sawyer Key				SAS Demo and Sponsor Exhibit Room Tarpon and Sawyer Key						SESUG Gives Back Silent Auction Breckenridge Deck	
		Break 10-10:30 Tarpon / Sawyer Key and Banyan Breezeway		Meet the Presenters Lunch Garden Courtyard				Break 3-3:30 Tarpon / Sawyer Key and Banyan Breezeway					
Concurrent Sessions * Business Intelligence Banyan * Cornerstones Sabal/Sawgrass * Hands On Workshops Blue Heron * Seeing Is Believing Glades * Simple But Clever Citrus * Statistics and Data Analysis Jasmine / Palm * Poster Café Banyan Breezeway						Concurrent Sessions * Cornerstones Sabal/Sawgrass * Hands On Workshops Blue Heron * Mining the Past, Seeing the Future Banyan * Seeing Is Believing Glades * Simple But Clever Citrus * Statistics and Data Analysis Jasmine / Palm * Poster Café Banyan Breezeway							

Schedule At a Glance Sponsored By:



Wednesday, October 22

7 ³⁰	8 ⁰⁰	9 ⁰⁰	10 ⁰⁰	11 ⁰⁰	12 ⁰⁰	1 ⁰⁰	2 ⁰⁰	
Information Desk Grand Palm Colonnade / Banyan Breezeway						Closing Session Pavilion		SAS Certification Testing 2:00-5:00 Blue Heron
Breakfast 7:30-8:30 Grand Palm Colonnade / Banyan Breezeway		SAS Demo and Sponsor Exhibit Room Tarpon and Sawyer Key						
		Break 10-10:30 Tarpon / Sawyer Key and Banyan Breezeway						
Concurrent Sessions * Coders Corner Glades * Cornerstones Sabal / Sawgrass * Hands On Workshops Blue Heron * Mining the Past, Seeing the Future Banyan * Simple But Clever Citrus * Statistics and Data Analysis Jasmine / Palm								

Monday Morning Schedule At A Glance - Papers, Presentations, and Events

8⁰⁰ 8³⁰ 9⁰⁰ 9³⁰ 10⁰⁰ 10³⁰ 11⁰⁰ 11³⁰ 12⁰⁰

Business Intelligence <i>Banyan</i>	Introduction to the SAS® 9 Business Intelligence Platform: A Tutorial <i>Nelson</i> BI-001 / 23	Interrogate the Interrogator: Presenting SAS® Usage Information Using BI Tools <i>Edney</i> BI-002 / 23	Best Practices for SAS® BI Administrators: Using SAS Configuration Troubleshooter to Keep SAS Solutions and SAS BI Applications Running Smoothly <i>Kalich</i> BI-003 / 24	A Programming Methodology for Creating CDISC Domain Data Sets <i>Gerlach</i> BI-004 / 24
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Coders Corner <i>Citrus</i>	Conversion from Daylight Savings to Standard Time <i>Ewen</i> CC-020 / 27	Ruby Functions from the SAS® DataStep <i>Olguin</i> CC-012 / 27	Exploring the Undocumented PROC SQL _METHOD ... <i>Lafler</i> CC-018 / 27	Have your SAS® program email information to you ... <i>Bolen</i> CC-014 / 28	Using External Files to Maintain an Application... <i>Adams</i> CC-015 / 28	A Macro for Nearest Neighbor Imputation <i>Chien</i> CC-016 / 28	PivotTable: A Powerful Tool for Data Exploration... <i>Lin</i> CC-017 / 28	Use of Post Process or in Clinical Data Reporting <i>Pandya</i> CC-036 / 29	Formats - Let the Data Do it <i>Stuelpner</i> CC-019 / 29	Checks and Balances Using a Macro <i>Thompson</i> CC-021 / 29	Another Way to Make Use of Variable Labels <i>Thompson</i> CC-022 / 30	Smoke and Mirrors! Come See How ... <i>Benjamin</i> CC-023 / 30	Using Lookup Tables to Match Data <i>Hu</i> CC-024 / 31	Order From Chaos: Using the Power of ... <i>Mai</i> CC-027 / 31	Gracefully Terminate a DATA Step ... <i>Tilanus</i> CC-026 / 31	Poor man's Parallel Processing using the ... <i>Tilanus</i> CC-025 / 32
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Cornerstones <i>Sabal/Sawgrass</i>	SET, MERGE, and Beyond <i>Tilanus</i> CS-041 / 36	The Art of Debugging <i>Whitlock</i> CS-042 / 36	Dataset Options: Beyond DROP, KEEP, RENAME, and WHERE <i>Woodruff</i> CS-043 / 36	A Propaedeutic For Proc SQL Joins <i>Dunn</i> CS-047 / 37
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Hands - On Workshops <i>Blue Heron</i>	How to Read, Write, and Manipulate SAS® dates <i>Milum</i> HOW-063 / 43	Using SAS® to Parse External Data <i>Kuligowski</i> HOW-065 / 43
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Seeing is Believing <i>Glades</i>	Degree Data for All: A Web Report Studio Reporting Solution <i>Borden</i> SIB-095 / 57	Tag Clouds - A List of Tokens, Sized by Relative Frequency <i>DeVenezia</i> SIB-096 / 57	Combining Text and Graphics with ODS Layout and ODS Region <i>Okerson</i> SIB-097 / 57	SAS® Graphics on ODS 9.2 Performance: Enhancing Steroids <i>O'Connor</i> SIB-098 / 58	Generating Fantastic Graphs in Ten Seconds or Less <i>Cochran</i> SIB-099 / 58
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Statistics and Data Analysis <i>Jasmine/Palm</i>	Interpreting Three-way Interactions Using SAS® <i>Le</i> ST-139 / 70	PROC SQL for Exact Testing Trend in Proportions <i>Kim</i> ST-150 / 70	Creating county-level estimates from National Weather Service Data <i>Wei</i> ST-142 / 70	Reject Inference Methodologies in Credit Risk Modeling <i>Montrichard</i> ST-160 / 71	Don't Be Loopy: Re-Sampling and Simulation the SAS® Way <i>Cassell</i> ST-143 / 71
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8⁰⁰ 8³⁰ 9⁰⁰ 9³⁰ 10⁰⁰ 10³⁰ 11⁰⁰ 11³⁰ 12⁰⁰

Schedule At a Glance Sponsored By:



Other Monday Morning Events

Time	Event	Location
7:30 – 12:00	Registration	Grand Palm Colonnade
7:30 – 8:30	Continental Breakfast	Grand Palm Colonnade Banyan Breezeway
9:00 – 12:00	SAS Demo / Sponsor Exhibit Room	Tarpon / Sawyer Key
10:00 – 10:30	Break	Tarpon / Sawyer Key Banyan Breezeway

Presentation Key

Modular Programming
MacRoe
TU10 / 45

Paper number

Short title

Primary author

For additional information, go to this page in Section P of the program.

SAS Institute
Presenter

Presenter or Co-author
is a Student
Scholarship Winner

Monday Afternoon and Evening Schedule At A Glance - Papers, Presentations, and Events

1³⁰ 2⁰⁰ 2³⁰ 3⁰⁰ 3³⁰ 4⁰⁰ 4³⁰ 5⁰⁰ 5³⁰

Tarpon Key & Sawyer Key SAS Demo Hour

Schedule At a Glance Sponsored By:



Business Intelligence <i>Banyan</i>	SAS® Administration, More relevant than ever <i>Edney</i> BI-005 / 24	An Approach for Deriving a Timing Variable in SDTM <i>Yu</i> BI-006 / 25	Building a Clinical SAS® Programming Group from the Ground Up <i>Hunt</i> BI-008 / 25
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Cornerstones <i>Sabal/Sawgrass</i>	PROC TABULATE and the Neat Things You Can Do With It <i>Wright</i> CS-046 / 37	Are Your SAS® Programs Running You? <i>Fecht</i> CS-044 / 37	A Row is a Row is a Row, or is it? Get Comfortable with Transposing your Data <i>Williams</i> CS-045 / 38
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Hands - On Workshops <i>Blue Heron</i>	PROC SQL for DATA Step Die-Hards <i>Williams</i> HOW-066 / 43	SAS® Macro Programming Tips and Techniques <i>Lafier</i> HOW-064 / 44
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Seeing is Believing <i>Glades</i>	An Added Dimension: Exploring OLAP Cubes with SAS® Enterprise Guide® <i>Dhillon</i> SIB-101 / 58	Creating Your Own Worksheet Formats in exportToXL <i>Derby</i> SIB-103 / 59	Flexible SAS® <i>Olguin</i> SIB-094 / 59
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Simple But Clever <i>Citrus</i>	An innovative approach to the "other specify" recoding <i>Chiflikyan</i> SBC-116 / 63	NOTEs in a SASLOG : Of LOST CARDS and MERGE Statements with Repeats of By Values <i>Kuligowski</i> SBC-117 / 63	Joins: How to Put it All Together <i>Stuelpner</i> SBC-114 / 64	Breaking Up Isn't Hard To Do After All <i>Dunn</i> SBC-119 / 64
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Statistics and Data Analysis <i>Jasmine/Palm</i>	Time Series Analysis with SAS® and R <i>Croker</i> ST-146 / 71	Count Regression Models in SAS® <i>Steenhard</i> ST-148 / 72	Complex Survey Data Analysis in SAS® and the Link between PROC SURVEYFREQ and SURVEYMEANS <i>Lewis</i> ST-141 / 72	Marketing Mix Modeling : Techniques and Challenges <i>Bhattacharya</i> ST-152 / 72
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1³⁰ 2⁰⁰ 2³⁰ 3⁰⁰ 3³⁰ 4⁰⁰ 4³⁰ 5⁰⁰ 5³⁰

Time	Event	Location
12:00 – 1:30	Meet the Presenters Lunch	Garden Courtyard
12:00 – 1:30	Student Scholarship Lunch	Horizons Portico
1:30 – 5:30	SAS Demo / Sponsor Exhibit Room	Tarpon / Sawyer Key
2:30 – 5:00	Registration	Grand Palm Colonnade
2:30 – 3:30	Meet the Poster Authors	Banyan Breezeway
3:00 – 3:30	Break	Tarpon / Sawyer Key Banyan Breezeway
1:30 – 5:30	BOF Sign Up Sheets For Dinner	Banyan Breezeway

Banyan Breezeway All Day Monday and Tuesday		Rounding in SAS®: Preventing Numeric Representation Problems <i>Go</i> PO-082 / 51
Evaluating Sample Code for an Interview <i>Thompson</i> PO-083 / 51	Health Status and Attitudes Towards Health in Medical Expenditure Panel Survey (MEPS) Sample Population <i>Nadpara</i> PO-084 / 51	Using SAS® Graphics to Explore Behavioral Health Cost Risk <i>Okerson</i> PO-085 / 52
Using SAS® to Analyze Longitudinal Study <i>Tavakoli</i> PO-086 / 52	Architecting a Regulatory Compliant Macro Library using SAS® Drug Development <i>Redner</i> PO-087 / 53	T.I.P.S. (Techniques and Information for Programming in SAS®) <i>Maass</i> PO-088 / 53
ATTENUATE: A SAS® Macro for Computing Confidence Intervals for Disattenuated Correlation... <i>Kromrey</i> PO-089 / 54	Two SAS® macros for DIF Analysis <i>Hao</i> PO-090 / 54	Parsimony vs. Complexity: A Comparison of Two-Level, Three-Level and Cross-Classified Models.... <i>Bell-Ellison</i> PO-091 / 54
Using the SAS/GRAPH® Annotate Facility to Create Timeline Plots <i>Abner</i> PO-092 / 55	SS_SIM: A SAS® Macro for Evaluating the Statistical Properties of the Standard Setting Pro <i>Coraggio</i> PO-093 / 55	Lessons Learned from Integrating SAS® Applications <i>Shiao</i> PO-170 / 56

Tuesday Morning Schedule At A Glance - Papers, Presentations, and Events

	8 ⁰⁰	8 ³⁰	9 ⁰⁰	9 ³⁰	10 ⁰⁰	10 ³⁰	11 ⁰⁰	11 ³⁰	12 ⁰⁰
Business Intelligence <i>Banyan</i>	Using PSI to monitor predictive model stability in the database marketing industry <i>Li</i> BI-007 / 25		Making Sense of Enterprise Business Intelligence (EBI) Log Configuration Files to Gain Valuable Insight on User Behavior <i>Patel</i> BI-010 / 26		SAS®: The Ultimate Dashboard Machine <i>Nelson</i> BI-009 / 26				
Cornerstones <i>Sabal / Sawgrass</i>	"SAS® macros are just text substitution." ARRRRGGGHHH!!!! <i>Piaskoski</i> CS-048 / 38		You Want ME to use SAS® Enterprise Guide?? <i>DelGobbo</i> CS-062 / 39		Macro Quoting <i>Dunn</i> CS-049 / 39		SAS® Resources: Places to Find Answers and Ideas <i>Wooding</i> CS-051 / 39		Database Vocabulary: Is Your Data Set a Dimension (Lookup) Table <i>Fehd</i> CS-052 / 39
Hands - On Workshops <i>Blue Heron</i>	PROC REPORT...Your How-To Guide to Producing Customized Summary Tables <i>Buck</i> HOW-067 / 44				A "SAS® Programmer's" Guide to SAS® Enterprise Guide® <i>Dhillon</i> HOW-068 / 45				
Seeing is Believing <i>Glades</i>	Innovative Ways to Enhance Proc SQL Output <i>Chaturvedula</i> SIB-107 / 59	You Use SAS®, Your Boss Uses EXCEL, Guess Where Your Results are Going to Appear! Digging Deeper into ODS to Put SAS Data into Excel <i>Benjamin</i> SIB-104 / 60		Customized Excel Output Using the Excel Libname <i>Droogendyk</i> SIB-105 / 60	Automation Of An Audit Waterfall Using SAS® Macros and ODS Tagsets.ExcelXP <i>Kruse</i> SIB-106 / 60		New SQL Performance Optimizations to Enhance Your SAS® Client and Solution Access to the Database <i>Whitcher</i> SIB-108 / 60		
Simple But Clever <i>Citrus</i>	Techniques for Developing Quality SAS® Macros <i>Redner</i> SBC-121 / 64		Data Manipulations Using Arrays and DO Loops <i>Hall</i> SBC-123 / 64	JavaObj, the newest production component object <i>DeVenezia</i> SBC-132 / 65		Quick 'n Dirty - Small, Useful Utility Macros <i>Droogendyk</i> SBC-125 / 65	Which SASAUTOs Macros Are Available to My SAS® Session? <i>Droogendyk</i> SBC-126 / 65		
Statistics and Data Analysis <i>Jasmine/Palm</i>	Calculating point estimate and confidence interval of Hodges-Lehmann's median differences using SAS® software <i>Han</i> ST-154 / 73		Stopping stepwise: Why stepwise and similar selection methods are bad, and what you should use <i>Cassell</i> ST-155 / 73		Optimizing the Marketing Mix <i>Bhattacharya</i> ST-156 / 73		Lithium Battery Analysis: Probability of Failure <i>Moebes</i> ST-158 / 74	A SAS® Macro for Statistical Power Calculations in <i>Cafri</i> ST-159 / 74	

Schedule At a Glance Sponsored By:



Other Tuesday Morning Events		
Time	Event	Location
7:30 – 12:00	Information Desk	Grand Palm Colonnade
7:30 – 8:30	Continental Breakfast	Grand Palm Colonnade Banyan Breezeway
9:00 – 12:00	SAS Demo / Sponsor Exhibit Room	Tarpon / Sawyer Key
10:00 – 10:30	Break	Tarpon / Sawyer Key Banyan Breezeway

Presentation Key

Modular Programming
MacRoe
TU10 / 45

Paper number

Short title

Primary author

For additional information, go to this page in Section P of the program.

SAS Institute
Presenter

Presenter or Co-author
is a Student
Scholarship Winner

Tuesday Afternoon and Evening Schedule At A Glance - Papers, Presentations, and Events

	1 ³⁰	2 ⁰⁰	2 ³⁰	3 ⁰⁰	3 ³⁰	4 ⁰⁰	4 ³⁰	5 ⁰⁰	5 ³⁰
Cornerstones <i>Sabal / Sawgrass</i>	SAS® Add in to MS Office - A Tutorial <i>Hall</i> CS-053 / 40		Separating the Interface from the Engine: Steps to Writing SAS® Stored Processes <i>Eberhardt</i> CS-054 / 40		The Various Mechanisms of Calculated OLAP Cube Measures <i>Hall</i> CS-055 / 40		"Development, Test, Production . Oh My!" Making It <i>Hall</i> CS-056 / 40		SAS® Hash Objects: An Efficient Table Look-Up in the Decision Tree <i>Liu</i> CS-057 / 41
Hands - On Workshops <i>Blue Heron</i>	Graphing Using the SAS® System <i>Wright</i> HOW-069 / 45				Using SAS® Arrays to Manipulate Data <i>Cochran</i> HOW-070 / 45				
Mining the Past, Seeing the Future <i>Banyan</i>	Evaluating Predictive Models (Part 1)-Computing and Interpreting the c Statistic <i>Hermansen</i> MPSF-072 / 47		Model Validity Checks In Data Mining- A Luxury or A Necessity? <i>Speed</i> MPSF-073 / 47		Making Sense of Census Data <i>Matthews</i> MPSF-074 / 47	A Reintroduction to Spline Modeling for Non-Linear Trends <i>Montrichard</i> MPSF-075/ 48	Tailoring the use of SAS® Enterprise Miner <i>Thompson</i> MPSF-076 / 48		
Seeing is Believing <i>Glades</i>	Tips to Customize SAS/Graph® for Reluctant Beginners ... <i>Lougee</i> SIB-109 / 61	Moving from Listing Reports to Visual Reports using SAS/GRAPH® Maps <i>Ceranowski</i> SIB-110 / 61		PROC REPORT in Color ... What's Your STYLE? <i>Boberg</i> SIB-111 / 61		Ride the Wave - Using Waterfall Graphs to Easily <i>Booth</i> SIB-112 / 62	SAS® Graphs in Small Multiples <i>Wainwright-Zimmerman</i> SIB-113 / 62		
Simple But Clever <i>Citrus</i>	Names, Names, Names - Make Me a List <i>Whitlock</i> SBC-128 / 66	Tips and Tricks to Make SAS® Life Easier <i>Lougee</i> SBC-129 / 66	Identifying and listing outliers without using PROC Format option <i>Chiflikyan</i> SBC-127 / 66	How to Create Variables Related to Age <i>Gui</i> SBC-131 / 67	Utilizing Hash Tables to Obtain Matched Post:Hoc <i>Reiss</i> SBC-120 / 67	Undocumented and Hard-to-find PROC SQL Features <i>Laffer</i> SBC-133 / 68			
Statistics and Data Analysis <i>Jasmine/Palm</i>	Surviving Survival Analysis - An Applied Introduction <i>Williams</i> ST-147 / 74		Techniques for Evidence-Based Decision Making <i>Stockwell</i> ST-161 / 75		Introduction to Bayesian Analysis Using SAS® Software <i>Stokes</i> ST-162 / 75				

Other Tuesday Afternoon and Evening Events		
Time	Event	Location
12:00 – 1:30	Meet the Presenters Lunch	Garden Courtyard
1:30 – 5:30	SAS Demo / Sponsor Exhibit Room	Tarpon / Sawyer Key
1:30 – 5:00	Information Desk	Grand Palm Colonnade
3:00 – 3:30	Break	Tarpon / Sawyer Key Banyan Breezeway
7:00 – 8:15	Silent Auction	Breckenridge Deck
7:00 – 9:30	SAS User Appreciation Mixer	Breckenridge Deck

Schedule At a Glance Sponsored By:



Presentation Key

Modular Programming
MacRoe
TU10 / 45

Paper number

SAS Institute
Presenter

Short title

Primary author

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Presenter or Co-author
is a Student
Scholarship Winner

Wednesday Schedule At A Glance - Papers, Presentations, and Events

	8 ⁰⁰	8 ³⁰	9 ⁰⁰	9 ³⁰	10 ⁰⁰	10 ³⁰	11 ⁰⁰	11 ³⁰	12 ⁰⁰				
Coders Corner Glades	Simple SAS® Web Services with Ruby <i>Olguin</i> CC-011 / 32	Standardization of Lists of Names and ... <i>Heath</i> CC-028 / 32	6 Cool things you can do with Display <i>Milum</i> CC-029 / 32	Automated Data Converting ... <i>Chiflikyan</i> CC-030 / 33	Creating common information structures ... <i>Edney</i> CC-172 / 33	Using Functions SYSFU NC and IFC ... <i>Fehd</i> CC-031 / 33	Renaming Tool Series <i>Weng</i> CC-032 / 34	Creating Order from Chaos Using SAS®... <i>Doughearty</i> CC-033 / 34	Tying it Together: Using ODS to insert... <i>Maddox</i> CC-034 / 34	Die Macro Die! <i>Olguin</i> CC-013 / 34	SAS® Log Summarizer - Finding ... <i>Stojanovic</i> CC-037 / 35	Stupid Human Tricks with PROC SURV EYS... <i>Cassell</i> CC-038 / 35	Parameter Passing by Name <i>Whitlock</i> CC-039 / 35
Cornerstones Sabal / Sawgrass	Rule based filtering - categorizing unwanted inputs <i>DeVenezia</i> CS-058 / 41			MISSING VALUES- Everything You Ever Wanted to <i>Foley</i> CS-060 / 41	The Impossible - An Organized Statistical Programmer <i>Spruell</i> CS-061 / 42	The DoW-Loop Unrolled <i>Dorfman</i> CS-059 / 42		The Devil Is in the Details: Styles, Tips, and Tricks That Make Your Microsoft Excel Output Look Great! <i>Kelley</i> CS-050 / 42					
Hands - On Workshops Blue Heron	Tips and Tricks for Creating Multi-Sheet Microsoft Excel Workbooks the Easy Way with SAS® <i>DelGobbo</i> HOW-071 / 46												
Mining the Past, Seeing the Future Banyan	Non-linear programming of time series data to minimize <i>Ragavan</i> MPSF-077 / 48	PDA Data Collection- Data Collection issues <i>Shapiro</i> MPSF-078 / 49	Evaluating Predictive Models (Part 2)-Assessing Whether More Complex Models Predict Better <i>Hermansen</i> MPSF-079 / 49	Teaching Data Mining: the University of Alabama and SAS® <i>Conerly</i> MPSF-080 / 50	Biosurveillance and the holy Grid - Does it compute? <i>Gann</i> MPSF-081 / 50								
Simple But Clever Citrus	An Optimal Way to Import Excel Worksheets into PC SAS® <i>Derby</i> SBC-134 / 68			Using Data to Write SAS® programs <i>McGowan</i> SBC-135 / 68	Parameter-Driven Data Validation and Transformation ... <i>Shinn</i> SBC-137 / 69	Using the SAS® INPUT Statement for Not So Friendly <i>Felts</i> SBC-138 / 69	Using Unnamed Pipes to Automate Loading... <i>Feldman</i> SBC-130 / 69						
Statistics and Data Analysis Jasmine/Palm	SAS® Code for Variable Selection in Multiple Linear Regression.... <i>Beal</i> ST-157 / 75	Let Me Look At It! Graphic Presentation of Any Numeric Variable <i>Osborne</i> ST-144 / 76	Interactive Outlier Review and Regression Analysis in Stat Studio <i>Seffrin</i> ST-151 / 76	SAS® Stat Studio: A Programming Environment for High-End Data Analysts <i>Stokes</i> ST-163 / 76									

Other Wednesday Morning and Afternoon Events

Time	Event	Location
7:30 – 8:30	Breakfast	Grand Palm Colonnade Banyan Breezeway
8:00 – 10:00	Information Desk	Grand Palm Colonnade
9:00 – 12:00	SAS Demo / Sponsor Exhibit Room	Tarpon / Sawyer Key
10:00 – 10:30	Break	Tarpon / Sawyer Key Banyan Breezeway
12:30 – 1:30	Closing Session	Pavilion
2:00 – 5:00	SAS Certification Testing	Blue Heron

Schedule At a Glance Sponsored By:



Presentation Key

Modular Programming
MacRoe
TU10 / 45

Short title
Primary author
Paper number

For additional information, go to this page in Section P of the program.

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SESUG '09

October 25-27

Birmingham, Alabama

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Bob Bolen

Academic Chair

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Carol Martell

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