

2017 Megaputer Analytics Conference



Register Today

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BRIEF OVERVIEW

AND PRE-CONFERENCE WORKSHOP AGENDA

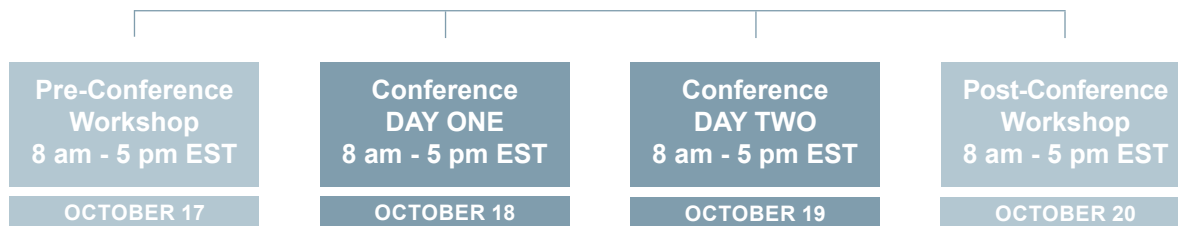
2017 Megaputer Analytics Conference | Bloomington, IN

Conference: Wednesday, October 18 through Thursday, October 19, 2017

Workshops: Tuesday, October 17 and Friday, October 20, 2017

Megaputer is a pioneer in providing tools, solutions and services for advanced text and structured data analysis. The annual Megaputer Analytics Conference enables industry practitioners to learn from most successful users of the PolyAnalyst™ system, including Megaputer consultants who have developed domain specific solutions, and from other analytics visionaries. You will hear about recent technological advances, see new capabilities of PolyAnalyst™ and associated industry specific solutions, and will discuss your with peers ideas, challenges and successes in business applications of analytics.

FOUR-DAY EVENT



AGENDA

OCTOBER 17 — PRE-CONFERENCE WORKSHOP

Data Management & Analysis Techniques of PolyAnalyst™

TIME	TOPIC
8:00 - 8:35	Overview Of PolyAnalyst Interface & Capabilities
8:35 - 9:10	Working with Diverse Data Sources Supported by the System
9:10 - 9:45	Data Audit & Cleansing
9:45 - 10:20	Data Manipulation Techniques
10:20 - 10:30	Refreshments & Networking
10:30 - 11:05	Overview: Machine Learning Tools of PolyAnalyst
11:05 - 11:40	Clustering Techniques & Tools, Affinity Grouping
11:40 - 12:15	Classification Tools of PolyAnalyst
12:15 - 1:20	Lunch & Networking
1:20 - 1:55	Artificial Neural Networks vs. Other Tools
1:55 - 2:30	Dimension Reduction Techniques, Regression
2:30 - 3:05	Time Series Analysis Tools
3:05 - 3:15	Refreshments & Networking
3:15 - 3:50	GIS Analysis in PolyAnalyst
3:50 - 4:25	Ensemble Learning, Incorporating External Tools in PolyAnalyst
4:25 - 5:00	Graphical Visualization Tools of PolyAnalyst



OCTOBER 18 — DAY ONE

AGENDA & TOPICS

TIME	PRESENTATIONS		
8:00 - 8:35	Breakfast Keynote: State-Of-The-Art and Business Applications of Text & Data Analytics		
8:35 - 9:10	Overview of New Capabilities of PolyAnalyst (and Megaputer)		
9:10 - 9:45	Computational Linguistics for Advanced Text Analytics		
9:45 - 10:05	MORNING BREAK: Refreshments & Networking		
	Track 1: Business	Track 2: Technical	Track 3: Technical
10:05 - 10:40	Hearing The VOC: Call Center Transcripts and Customer Survey Analysis	PolyAnalyst Demo Project: Performing Customer Survey Analysis	Multi-Lingual Capabilities of PolyAnalyst
10:40 - 11:15	TBA	New PolyAnalyst Web Reports	How-to-Guide: Multi-Lingual Text Analysis in PolyAnalyst
11:15 - 11:50	Employee Survey Analysis	Overview: Text Analysis Capabilities of PolyAnalyst	Practical Applications of Medical Ontologies in PolyAnalyst
11:50 - 1:10	LUNCH BREAK		
1:10 - 1:45	Social Media Analysis: What is Trending for You?	PDL: Pattern Definition Language for Building Precise Queries	Overview: Machine Learning Tools of PolyAnalyst
1:45 - 2:20	TBA	Best Practices for Setting a PDL Taxonomy for Employee Survey Analysis	Solving Classification Tasks with PolyAnalyst
2:20 - 2:55	Case Management System: Efficient Handling of Results of Analytic Analysis	New In PDL: Recognizing Document Structure and Information Extraction from Tables	Clustering Techniques of PolyAnalyst
2:55 - 3:15	AFTERNOON BREAK: Refreshments & Networking		
3:15 - 3:50	Risk Management: Syncing Marketing Materials and Government Regulations	XPDL: New Language for Accurate Information Extraction and Text Coding	Statistical & Distribution Analysis Tools
3:50 - 4:25	TBA	PolyAnalyst Demo Project: Automating Competitive Intelligence	Using GIS Module of PolyAnalyst
4:25 - 5:00	Text Analysis of EMRS for Identifying Opportunities and Risks	Graphical Interface for Designing XPDL Queries	Polyanalyst Scheduler and Integration with External Systems



OCTOBER 19 — DAY TWO

AGENDA, TOPICS & POST CONFERENCE WORKSHOPS

TIME	TRACK 1: BUSINESS	TRACK 2: BUSINESS	TRACK 3: TECHNICAL
8:00 - 8:35	Extracting Entities and Relationships from Financial, Legal and Medical Documents	Improving Subrogation Prediction Through Text Analytics	Data Cleansing and Management in PolyAnalyst
8:35 - 9:10	Automating Competitive Intelligence	Entity Resolution Applications in Insurance Claims Analytics	PolyAnalyst Ontologies and Other Resources
9:10 - 9:45	TBA	Fraud Detection in P&C Insurance	Demo Project: Corporate Compliance Monitoring with Text Analytics
9:45 - 10:05	MORNING BREAK: Refreshments & Networking		
10:05 - 10:40	Advancing Text Analytics from a Local to a Global Capability	Fraud Detection in Healthcare Insurance	Sentiment Analysis with PolyAnalyst
10:40 - 11:15	Challenges in Setting Up a Text Analysis Solution for a Pharma Company	Warranty Claims Analysis: Fraud Detection	Entity Resolution: Challenges, Ideas, and Implementations
11:15 - 11:50	TBA	Analyzing External Sources: Detecting Emerging Trends (NHTSA)	PolyAnalyst Demo Project: Detecting Voters Fraud
11:50 - 1:10	LUNCH BREAK		
1:10 - 1:45	Research Literature: Extracting Entities, Relations and Emerging Trends	Can Medical Coding of EMRS Be Automated?	Social Network Analysis: Tasks, Techniques and Applications
1:45 - 2:20	TBA	Performing Audit of Manual EMR Coding Results	Polyanalyst Demo Project: Finding Most Influential Medical Researchers
2:20 - 2:55	Research Literature: Identifying Influential Researches by Topic	Extracting and Interpreting Clinical Findings	Integrating Analytics with a Case Management System
2:55 - 3:15	AFTERNOON BREAK: Refreshments & Networking		
3:15 - 3:50	Industry Standard Resources for Pharma Text Analytics	Are You Compliant? Analysis of Compliance Line Records	Working With Big Data: Introducing PolyAnalyst for Hadoop
3:50 - 4:25	Pharmacovigilance: Key Challenges and Solutions	Lessons Learned from Patient Safety Report Analysis	HCI/UIX: How Megaputer Designs Software
4:25 - 5:00	Medical Device Repair Notes Analysis	TBA	PolyAnalyst Roadmap for 2018-2019

OCTOBER 20 — POST-CONFERENCE WORKSHOP

Text Analytics 101 and Hands-On Experience with PolyAnalyst™

8:00 - 8:55	9:00 - 9:55	10:00 - 10:55	11:00 - 11:55	11:55 - 1:00	1:00 - 1:55	2:00 - 2:55	3:00 - 3:55	4:00 - 5:00
How Text Analytics Works	Data Cleansing and Management, Dictionaries	Document Classification with PolyAnalyst - Part 1	Techniques For Automated Extraction of Entities and Relationships from Documents	LUNCH BREAK	Document Classification with PolyAnalyst - Part 2	Working With Diverse Data Sources and Languages	Text Analysis with PolyAnalyst - Best Practices	Detailed Overview of the Subrogation Prediction Solution