32nd Annual Spring Conference

Tuesday All Day Session

NEW Lunch is included

SQL Programming Overview

Tuesday 09:00 AM to 4:00 PM

Session Abstract

Learn how to use advanced SQL features and syntax that can be leveraged from any programming language that supports SQL. Learn about advanced SQL DDL (Data Definition Language) features such as identity columns and constraints that enable data centric programming. Learn how to take your SQL reports and query definitions to the next level with views, common table expressions, and OLAP specifications. Learn how to use SQL procedurally with user-defined functions, triggers, and advanced stored procedures.

Speaker Bio

Tom McKinley is an IBM Lab Services Consultant working on DB2 for IBM i in Rochester MN. His main focus is complex query performance associated with Business Intelligence running on Very Large Databases. He worked as a developer or performance analyst in the DB area from 1986 until 2006. Some of his Major pieces of work include the Symmetric Multiple processing capabilities of DB2 for IBM i as well as Large Object Data types. In addition he was on the original team that designed and built the SQL Query Engine. Prior to Database he worked on Licensed Internal Code for System 34 and System 36.

Tuesday: Women in IT Seminar

Tuesday 08:00 AM to 4:30 PM

Event Agenda	
08:00 – 09:00	**Registration**
09:00 – 10:00	*Careers in Information Technology*
10:00 – 10:15	**Break**
10:15 – 11:15	*Careers in Information Technology*
11:15 – 1:00	**Lunch & Keynote – Dr. Stefanie Chiras IBM**
1:00 – 2:00	*The Real World - Pay/Dress/Business*
2:00 – 2:15	**Break**
2:15 – 3:15	*Mentoring*
3:15 – 4:30	*Open Discussion / Wrap Up*

Tuesday Night: Experts Roundtable
Topic: Security

Tuesday Night 7:00-9:00pm
(6:00 pm – Appetizers)
A Huge Success Every Year!

Robert Andrews, Tommy Atkins, Larry Bolhuis, Stefanie Chiras,

Birgitta Hauser, Tom McKinley, Tim Rowe, Robin Tatam

MC – Charlie Guarino

2017 WMCPA Spring Conference - Session Grids

Wednesday March 15, 2017

Time/Track	Track One Geneva 1	Track Two Geneva 2	Track Three Geneva 3	Track Four Madison	Track Five Milwaukee	Track Six Chicago-lower level
7:30 – 08:30	Breakfast Buffet					
8:30 - 10:00	PHP Web Security in an Insecure World **Mike Pavlak**	JavaScript 101: First Look from an RPG Perspective **Richard Milone**	Intro to Node.js **Aaron Bartell**	Database Engineer Roles and responsibilities **Tom McKinley**	Single Sign On Overview **Robert Andrews**	Why Move to IBM i 7.3 **Tim Rowe**
10:00 – 10:15	Break					
10:15 - 11:45	Lessons Learned Building IBM i Mobile Applications **Trevor Perry**	DevOps for IBM i: Multi-platform options with Git, RTC or other SCMs **Floyd DelMuro**	Putting the Pedal to the Metal for RDi **Charles Guarino**	Why use triggered programs *Session 01* **Tommy Atkins**	IFS Security: Don't Leave Your Server Vulnerable **Robin Tatam**	Women in Leadership **Kim Greene**
11:45 – 12:45	LUNCH					
1:00 - 2:15	Keynote – Dr. Stefanie Chiras IBM					
2:30 – 4:00	Essentials of Backup/Recovery for Disaster Recovery on IBM i **Deb Saugen**	Embedded SQL An Introduction **Birgitta Hauser**	The less frequent RDi FAQs More stuff to know! **Charles Guarino**	Introduction to Database Design and Modeling **Tom McKinley**	IBM i Security – Best Practices **Robert Andrews**	IBM HTTP Server (Powered by Apache) Overview **Tim Rowe**
4:00 – 4:15	Break					
4:15 – 5:30	Application Analysis: a starting point for any modernization project **Floyd Del Muro**	Consuming Web Services from RPG with HTTPAPI **Scott Klement**	Web Services with PHP on IBM i **Mike Pavlak**	How to create trigger programs *Session 02* **Tommy Atkins**	Data Breaches: Is IBM i Really at Risk? **Robin Tatam**	Node.js & RPG: The Perfect Partners for Business Applications **Alex Roytman**
5:30 - 7:30	Sponsor Showcase The sponsors take over to dazzle and entertain for a while. Free food and 2 adult beverages.					
7:30 –10:00	Evening Entertainment					

2017 WMCPA Spring Conference - Session Grids

Thursday March 16, 2017

Time/Track	Track One	Track Two	Track Three	Track Four	Track Five	Track Six
	Geneva 1	Geneva 2	Geneva 3	Madison	Milwaukee	Chicago-lower level
7:30 – 08:30	Breakfast Buffet					
8:30 - 10:00	Using DB2 and SQL with Open Source Languages on IBM i **Alan Seiden**	Tips and Tricks for Advanced Embedded SQL **Birgitta Hauser**	The ABCs of RDi Shortcuts **Charles Guarino**	A deep dive into Row and Column Access Control **Tom McKinley**	What's New in IBM i Security in 7.1, 7.2 and 7.3 **Robert Andrews**	REST Web Services for the RPG World **Tim Rowe**
10:00 – 10:15						
10:15 - 11:45	What IBM i Professionals can learn from NASA **Von Enselman**	Getting Started with API's from RPG **Scott Klement**	IBM i IFS Containers **Aaron Bartell**	The need to percolate errors *Session 03* **Tommy Atkins**	Getting Started On The Road To Compliance **Robin Tatam**	Securing Email on IBM i **Kim Greene**
11:45 – 12:45	LUNCH					
1:00 - 2:15	Keynote – Tim Rowe					
2:30 – 4:00	Failure to Modernize The Real Cost **Jim Buck**	Make your IBM i Sizzle with WordPress **Alan Seiden**	Node.js transacts with DB2 and RPG **Aaron Bartell**	Intro to SQL routines: Procedures, Functions and Triggers **Tom McKinley**	Two Factor Authentication on IBM i in 7.3 **Robert Andrews**	Water Cooler Topics I'll Show You Mine if You Show Me Yours **Charles Guarino**
4:00 – 4:15						
4:15 - 5:45	Backup IBM i Data to the Cloud **Tim Rowe**	Consuming JSON Documents and Web Services with SQL **Birgitta Hauser**	PHP Tricks for the RPG Programmer: graphics, Excel, PDFs, E-Mail and More **Alan Seiden**	Adopting the percolation paradigm *Session 04* **Tommy Atkins**	Configuring and Using IBM i Auditing Features **Robin Tatam**	Managing your IBM i Startup and Shutdown **Larry Bolhuis**

Please note: Speakers are subject to change without notice

2017 WMCPA Spring Conference
Courtyard Sessions

Wednesday 15, 2017			
Time/Track	**Track One**	**Track Two**	**Track Three**
	Courtyard 1	*Courtyard 2*	*Courtyard 3*
7:30 – 08:30	*Breakfast Buffet*		
8:30 - 10:00	IBM i and Power Systems Management Keeping it current and Best Practices. **Part 01** **Larry Bolhuis**	Analyze your SQL Queries with IBM i Navigator IBM ACS Part 01 **Birgitta Hauser**	Leaders versus followers **Mike McArdle**
10:00 – 10:15	Break		
10:15 - 11:45	Keeping it current and Best Practices. **Part 02** **Larry Bolhuis**	Analyze your SQL Queries with IBM i Navigator IBM ACS Part 02 **Birgitta Hauser**	Introduction to MariaDB for IBM i **Mike Pavlak**
11:45 – 12:45	*LUNCH*		
1:00 - 2:15	**Keynote – Dr. Stefanie Chiras IBM**		
2:30 – 4:00	My First Node.js App **Aaron Bartell**	COMMON Certification Testing	Leaders are made not born **Mike McArdle**
4:00 – 4:15	Break		
4:15 - 5:30	Tips and Techniques for Shrinking Backup/Recovery Windows on IBM **Deb Saugen**	What's the Fuss? Using Procedures and Service Programs **Jim Buck**	IBM i OS and Power System Upgrade Testing **Von Enselman**
5:30 - 7:30	**Sponsor Showcase** The sponsors take over to dazzle and entertain for a while. Free food and 2 adult beverages.		

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2017 WMCPA Spring Conference
Courtyard Sessions

Time/Track	Thursday March 16, 2017		
	Track One	Track Two	Track Three
	Courtyard 1	Courtyard 2	Courtyard 3
7:30 – 08:30	Breakfast Buffet		
8:30 - 10:00	IBM i and Power Systems Management: Daily system monitoring, tuning, clean-up, and spooled file handling. **Part 01** **Larry Bolhuis**	The Basics of HTML and the DOM Lab Part 01 **Christian Hur**	The five key elements of leadership **Mike McArdle**
10:00 – 10:15	Break		
10:15 - 11:45	Daily system monitoring, tuning, clean-up, and spooled file handling. **Part 02** **Larry Bolhuis**	The Basics of HTML and the DOM Lab Part 02 **Christian Hur**	Web Services with PHP on IBM i **Mike Pavlak**
11:45 – 12:45	LUNCH		
1:00 - 2:15	Keynote – Tim Rowe		
2:30 – 4:00	What's New with Backup/Recovery on IBM i - Including Virtual Tape and Encryption **Deb Saugen**	Profound UI and RPG Open Access for Rich, Modern UIs **Scott Klement**	COMMON Certification Testing
4:00 – 4:15			
4:15 - 5:45	RPG Open Access – Write Your Own Handler **Trevor Perry**		

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