



March 3, 2020 Conference SPONSORED BY



CMG Canada Conference – March 3, 2020, Toronto

Final AGENDA

LOCATION: C'est What Brew/Vin Pub Restaurant, 67 Front Street East, Toronto.

Map available at <http://www.cestwhat.com/directions>

TIME: 8:30a.m. - 5:00 p.m.

ATTIRE: Business / business casual (hard-soled shoes, slacks, collared shirt)

Whether or not you're joining us, please feel free to pass this on to appropriate groups within your enterprise, or have them visit CMG Canada at <http://cmqcanada.altervista.org/index.html>

Start of Day

08:30 Continental breakfast, networking

09:00 Welcome – Conference Opening Remarks

09:05 Bank Sells Pension Business: Mainframe Open Heart Surgery!

Udi Fridenshtein, VP Sales; Steve Taite, CTO & PM - MOST Technologies

(Note: this will be a remote presentation, with on-site presence)

Abstract: When a major bank sold off one of their significant business units, they were presented with a unique IT problem. How do you pick up and move all of the applications, storage, and links that support that business unit to another enterprise? This is a classic 'lift & shift' scenario, where business has to continue throughout the transition; but for them as for many of us, this kind of problem is too big and too unique to handle without help. In this case study, MOST Technologies stepped in to help move a business out of the mainframe environment of one of Israel's major banks, into the IT shop of the purchasing institution.

Udi Fridenshtien is MOST VP of Sales. Starting in South Africa, he has worked as an IT systems integrator for over 20 years, specializing in complex projects with a focus on mainframe modernization specialized in banking, insurance, and enterprise financial systems. Udi holds a BA in Psychology and Economics from the University of South Africa, and lives with his wife and three daughters in Hod ha-Sharon, Israel. He loves to cook, hike, travel and take photos.

Steve Taite is MOST Chief Technology Officer (CTO). He has worked in IT for over 35 years, in a wide variety of projects with a focus on banking and insurance. He has worked mostly on mainframes, with occasional forays into distributed platforms including UNIX, Linux and Windows. Steve was born and raised in England, has worked in New York, and lives in Kfar Saba, Israel. He holds a BA in English Literature and Cinema from Haifa University and a variety of IT certifications.

Allan Friedman is MOST VP of Business Development. After a long career at IBM, with his final role working on new solutions for customers in the FI sector, Allan joined MOST to share the skills he had developed in this area. Originally and proudly Canadian, Allan grew up in Montreal and holds a BSc in computer science from the University of Toronto and MBA from Toronto's York University. He loves cycling and travel.



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10:05 Break, coffee, networking (10 minutes)

10:15 If it's not IDAA or Db2 Buffers, then what exactly is In-Memory Processing?

Larry Strickland, DataKinetics

Abstract: Specialized mainframe high-performance in-memory technology can drastically improving the performance of existing critical mainframe applications. Much more than anything our current tools can do. So much so, that previously rejected application designs are now possible. This presentation will introduce high performance in-memory technology solution that can be used to solve a variety of performance related challenges. We'll discuss how to identify which of your existing applications would benefit from this type of optimization, how to adapt applications to leverage the technology, and discuss at a high level, what needs to be considered when designing a system that uses the technology.

Larry Strickland is the Chief Products Officer at DataKinetics, where he is responsible for product direction at a critical time as the company prepares to branch out into important new business segments. Larry has brought to market DataKinetics' newest products, is driving the company's existing products to the next level, and is developing strategies and managing product portfolios for DataKinetics' new subsidiary companies. Larry is a regular speaker at industry conferences and events; he holds B.Eng. and Ph.D. degrees in Electrical Engineering from the University of Melbourne in Australia; and he is a volunteer firefighter.

11:15 Break, coffee, networking (10 minutes)

11:25 Save MSUs and Reduce Run-Times for Analytics and MXG Reporting

Paul Massengill, Luminex Software

Abstract: Many customers are being mandated to remove non-revenue producing workloads from the mainframe to get ready for Tailored-Fit Pricing. Hear the story of one customer's journey to remove the second-largest CPU consumer from their mainframe and speed up their Analytics at the same time. They were able to modernize some analytics, at the same time producing the perfect 'trifecta' of Faster, Better & Cheaper all at once. Breaking down accessibility barriers made this the first step in making the mainframe a more integral, easier to use part of their enterprise computing.

Paul Massengill has spent most of this 30-year IT career in Solutions Architecture and Data Analytics for Mainframe and Distributed Systems. He spent his early years in IT working for top tier banks in Storage Administration, Capacity Planning and Performance Tuning. For the last two decades, Paul has specialized in using Data Analytics coupled with customer business forecasts to bring Enterprise solutions to many Top 100 customers. He provided these solutions while working for companies such as Wachovia, Bank of America, StorageTek, SUN, Oracle, Hitachi and currently Luminex Software. Paul has also co-founded two IT companies and began his post-collegiate adventures as a US Naval Flight Officer.

12:25 Lunch (on your own, 1h35)



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14:00 Sponsor Presentation: Luminex Corporate & Solution Overview
Kent Falknor & Paul Massengill – Luminex Software

Abstract: Luminex Software is a provider of mainframe data and connectivity solutions that are installed in a wide variety of major industries worldwide, from entry-level to high-end mainframe environments. Luminex wants to introduce CMG members to the corporation and its various solutions for mainframe data integration, virtual and synchronous tape, DR readiness and testing, encryption, and archiving.

Kent Falknor is the Regional Director for the Great Lakes and Eastern Canada for Luminex. Based in Cincinnati, OH, he has worked in storage solutions for most of his 30-year career, spending time with companies like NCR, Sun Microsystems, StorageTek, EMC and most recently Luminex.

14:30 Break, coffee, networking (10 minutes)

14:40 Snail4j: Java Performance Education for All
Erik Ostermueller

(Note: this will be a remote presentation)

Abstract: Snail4j is a load-test-in-a-box that aims to educate Java developers on software performance. It brings the datacenter performance firefight to developers' own computers. Snail4j challenges the end user to solicit predictions¹ on software performance experiments, encompassing four main categories of software defects: Persistence, Alien systems, Threads, and Heap (P.A.T.H.):

- Does performance improve with more or fewer invocations to the database?
- How large must a payload be to degrade transmission time?
- How much delay is required to really slow down code using Java synchronization?

With Snail4j, the end user has a self-paced learning environment where they can finally get their hands on the tough problems that have long been handled only by performance "experts".

1) For more on the joy of soliciting predictions, see <https://blog.upperlinecode.com/stop-teaching-code-a1039983b39>

Erik Ostermueller is the author of *Troubleshooting Java Performance*. He has spent the last 10 years tuning high-throughput Java financial systems in North and South America, Europe, and Asia. At the CMG conference in 2011, his work "How to Help Developers (Finally) Find Their Own Performance Defects" won Best Paper and the Mullen Award for best speaker. The proceeds of this award financed an eight-city speaking tour in the United States, Canada, the United Kingdom, and Italy. Ostermueller is the founder of heapSpank.org and wuqiSpank.org and a contributor to JMeter-Plugins and other open source projects.

15:40 Break, coffee, networking (10 minutes)



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15:50 Mainframe Performance & Capacity Planning Overview *Mukund Muralidharan, HCL Technologies*

Abstract: This presentation covers basic performance and capacity concepts of mainframe system resources including processors, main storage, coupling facilities, I/O and DASD. Common performance and capacity tools will be discussed, such as RMF, Pivotor, zPCR, zCP300 and, of course, Microsoft Excel. RMF will be discussed in some detail, and WLM terminology (service classes, performance indexes, and velocity) will be reviewed. Finally there will be a review of capacity planning concepts like MIPS, LPAR weights, PR/SM and IRD, and hiperdispatch pools.

***Mukund Muralidaran** is a mainframe performance and capacity planner with around 5 years experience working with enterprise mainframe environments in India and Canada. He is a graduate in IT Project Management at Canadore College in North Bay, ON, and holds a B.Tech. degree from SRM University in Chennai, Tamil Nadu. Mukund is certified in ITIL v4 Fundamentals.*

16:50 Thanks for joining us! – Conference Closing Remarks

16:55 Adjourn & Members' Reception

End of Day

Important CMG News and Dates

CMG Canada News

This is the second of our meetings for the 2019/2020 year, which began as usual in September. We look forward to welcoming you to future events! **Our tentative seminar/conference dates for the current year** are as follows:

- Tuesday, October 22, 2019
- Tuesday, March 3, 2020
- Tuesday & Wednesday, May 26 & 27, 2020

CMG Canada membership is among the most affordable in the IT industry at C\$100 per individual for the entire year (student memberships are C\$40); individual memberships are transferable within an enterprise. Single-day attendance is C\$50 per individual (C\$20 for students, and free for first-time attendees, presenters, and sponsors). Additional details and the membership form can be obtained from the membership link on our website.

The **CMG Canada Board** welcomes your questions and comments; we can be contacted as follows:

- Anthony Mungal, USA Technologies – **President** [amungal@acm.org]
- Ashley Wheelan, Bank of Montreal – **Treasurer** [ashley.wheelan@bmo.com]
- Jonathan Gladstone, Bank of Montreal – **Program Chair** [jonathan.gladstone@bmo.com]
- John Slobodnik, Cogeco – **Co-Program Chair / Membership** [john.slobodnik@cogeco.com]
- Peter Livingston, Bank of Montreal – **Co-Program Chair / Web Master** [peter.livingston@bmo.com]
- John Baker, Intellimagic – **Member at large** [john.baker@intellimagic.com]
- Clive Catt, DataKinetics – **Member at large** [ccatt@dkl.com]



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Have you changed jobs? People often circulate into and out of roles where CMG's focus is critical. We want to encourage those of you who have drifted away to introduce your successors to CMG – we're always willing to help! And of course we continue to extend our warmest and sincerest welcome to those of you who have stayed. One of the greatest values of a professional association like CMG is the networking and peer level expertise provided through membership and participation.

For information about CMG Canada news, events, membership, current and past agendas and proceedings and other CMG Canada information, please check our website at <http://cmgcanada.altervista.org/index.html>.

What is CMG?

CMG is the Computer Measurement Group. Globally, **CMG is one of the most influential organizations in the data processing industry**. It is a vendor- and platform-neutral not-for-profit association of IT professionals interested in IT performance, capacity, and digital transformation. It is highly recognized as a foremost voice in performance management, capacity planning, systems management and tuning, and related disciplines. Its purpose, as defined in the overall charter statement, includes the provision of:

- *extensive introductory education for new professionals;*
- *information on emerging technology as well as methodologies for existing performance professionals;*
- *forums on the exchange of information, promotion of new ideas, and discussions of management information requirements;*
- *focus on practical applications and results oriented methodologies; and*
- *encouragement for educational institutions to focus on the IT curriculum.*

Are you getting MeasureIT ?

If you haven't yet subscribed to **MeasureIT**, then you are definitely missing out on some great articles, both from the research and practical points of view, on timely and thought-provoking topics. MeasureIT is CMG's free monthly newsletter. It is written by and for IT professionals with CMG's interests in mind. Check it out at <http://www.cmg.org/measureit/>

Upcoming CMG & CMG Canada events

- **April 7, 2020 2020 Mainframe Emerging Trends Virtual Summit** – Free for attendees, this event will cover trends such as data silos, modernization, mainframe in DevOps, and more. For more information, go to <https://www.cmg.org/event/2020-mainframe-emerging-trends-virtual-summit/>
- **May 26 & 27, 2020 CMG Canada Spring Seminars** – This two-day event will include a variety of technical presentations on IT performance, capacity and digital transformation from professionals at enterprises like BMC, SDS, GlassHouse, SVA Software and others.