

October 23 – 24, 2018 • Ottawa, Ontario

& **BIG DATA** **Analytics** for the Public Sector

YOUR FACULTY

CONFIRMED PARTICIPANTS INCLUDE:



Martin McGarry, Partner and Chief Data Scientist, **BRN SON ANALYTICS**



Somaieh Nikpoor, Research Analyst, **IMMIGRATION, REFUGEE AND CITIZENSHIP CANADA**



Mandeep Flora, Strategic Data Manager, **MINISTRY OF COMMUNITY & SOCIAL SERVICES**



Frédéric Papillon, Business Planning Analyst, **CANADIAN INTELLECTUAL PROPERTY OFFICE (CIPO)**



Kyle Ertl, Director, Data and Analytics, **TORONTO COMMUNITY HOUSING**



Ken Holmes, Board Member, **CANADIAN MILITARY INTELLIGENCE ASSOCIATION**



Bilyana Anicic, Enterprise Architect, Principal Consultant, **AURORA CONSULTING**



Christos Sarakinos, Manager, Digital Technologies, **NATIONAL RESEARCH COUNCIL OF CANADA**

Unlock the Value in Your Data to Enhance Evidence-Based Decision-Making in Your Organization

- Address the challenges in cross-jurisdictional data sharing
- Hear the latest in tools to enhance data-driven decisions
- Implement business information analysis to public service programs
- Protect privacy while meeting your objectives
- Explore how to incorporate blockchain in the way government functions today
- Learn approaches to procurement to support improved data sharing
- Discuss the enthusiasm behind visualization and identify where data visualization can be adopted
- Examine value creation for transactions, assets, contracts, voting, compliance, identity management, supply chain traceability, healthcare, and taxation
- Hear case studies from Canada, the U.S., all levels of government, and various spheres for application
- Learn what artificial intelligence means for big data
- Explore the implications of big data and behavioral science on policy-making

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Big Data & Analytics for the Public Sector

October 23 – 24, 2018 • Ottawa, Ontario

DAY ONE PROGRAM AGENDA: TUESDAY, OCTOBER 23, 2018

7:30 – 8:30 Registration and Continental Breakfast

8:30 – 8:45

Welcome and Opening Remarks from the Chair
Martin McGarry, Partner and Chief Data Scientist, Bronson Analytics

8:45 – 9:45

Supporting Strategic Policy Development in the Public Sector Using Big Data

Somaieh Nikpoor, Research Analyst, Immigration, Refugee and Citizenship Canada

- How to develop data projects to support government key decisions
- Working across organizations to get the right data
- How senior level government officials use data to drive decisions
- Tips to influence the right decisions makers using analytics
- Implications for the sustainability of government's effective use of big data

9:45 – 10:30

Newly Emerging Best Practices for Big Data

- How to identify, capture and analyze big data
- Insights that drive strategic business decisions
- Understanding data sciences and algorithmic approaches
- How to gain and understand analytic expertise
- Cut costs while producing bottom-line results

10:30 – 10:45

Networking Break



10:45 – 11:30

Artificial Intelligence Risk, Threats, and How to Mitigate Them

Frédéric Papillon, Business Planning Analyst, Canadian Intellectual Property Office, Government of Canada

- What are the known and unknown risks and threats of AI?
- How to identify and prevent risks and threats
- Striking the right balance between privacy and big data
- How to overcome challenges in big data and AI
- Five essentials to predicting failures that might occur

11:30 – 12:30

Key Steps to Driving Data and Analytics Innovation in Government

- Improving performance, productivity and efficiency in service delivery
- Leapfrogging traditional administrative practices that are no longer effective
- Tips and tricks to unlocking innovation with big data
- Capturing efficiencies through smart technologies
- How big data creates opportunities for impact

12:30 – 1:30

Luncheon Break

1:30 – 2:30

Artificial Intelligence (AI): A New Era for Analytics
Mandeep Flora, Strategic Data Manager, Ministry of Community & Social Services

- How to yield meaningful results using investments in big data and AI
- Approaches to achieving measurable results
- Improving decision-making through advanced analytics
- Latest developments in big data, AI and machine learning
- Key aspects why big data is a critical enabler for AI implementation

2:30 – 2:45

Networking Break



2:45 – 3:45

At the Crossroads of Big Data and Information Management: Win-Win Collaboration

Marina Drizhachenko, Senior Information Architect/Corporate IM Advisor, Infrastructure Canada

- Aligning your Big Data Strategy with your Information Management Strategy - “nice to have” or “must”
- What are the core “can’t live without” components of the win-win collaborations
- Achieving “quick wins” while building for a long-term sustainable success - myth or reality
- Integrating agile mindset and delivery planning into the Corporate IM Program - necessity or essential innovation supporting successful data implementation

3:45 – 4:30

Analyzing New Trends and Opportunities in Big Data
Kyle Ertl, Director, Data and Analytics, Toronto Community Housing

- Updates on business intelligence and data analytics
- Big data's influence on the expansion of new markets and geographies
- Benefits and use of business intelligence from the cloud
- Understand the future of big data and what it has to offer
- New and upcoming trends

OTTAWA, ONTARIO
EVENT LOCATION: OTTAWA, ONTARIO

Big Data and Analytics for the Public Sector will be held at a convenient downtown location in Ottawa, Ontario. Detailed venue information will be forthcoming as it becomes available.

Register Now!

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Big Data & Analytics for the Public Sector

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DAY TWO PROGRAM AGENDA: WEDNESDAY, OCTOBER 24, 2018

7:30 – 8:30 Continental Breakfast

8:30 – 8:45

Opening Remarks from the Chair

Martin McGarry, Partner and Chief Data Scientist, Bronson Analytics

8:45 – 9:45

Introducing Big Data Into the Day-to-Day Workflow

Martin McGarry, Partner and Chief Data Scientist, Bronson Analytics

- How to translate hieroglyphics in plain language
- Improving your product and workstreams
- Insights into historical development and planning for future development
- Maximizing your data use by integrating it with tools your team is already using
- How to compete in a data-driven world

9:45 – 10:30

Big Data to Big Ideas (Threats of AI)

Ken Holmes, Board Member, Canadian Military Intelligence Association

- Understanding existing initiatives
- How to achieve short term gains while ensuring long term success
- Five essential tips to succeeding in your data strategy
- Using big data and big ideas to solve your organizations challenges
- Identifying opportunities for transparency and information sharing

10:30 – 10:45

Networking Break



10:45 – 11:30

Informed Decision-Making: Does Bigger Data Lead to Better Decisions?

Bilyana Anicic, Enterprise Architect, Principal Consultant, Aurora Consulting

- How open collaboration can help you drive value from Big Data
- Leveraging the work of cross-functional teams for making better decisions and creating better business outcomes
- How combining diverse sources of data can lead to exciting new solutions to some of our toughest challenges
- Role of enterprise architecture (EA) in reducing the complexity associated with digital transformations
- Practical examples: common platform of data, technical infrastructure, policies, standards and governance

11:30 – 12:30

Identifying the Right Technology to Solve Your Big Data Problem

Alireza Bakhshi, Data Scientist, Canada Border Services Agency, Government of Canada

- Identifying big-data technologies to meet industry needs

- Six-step approach to identifying your problem and choosing the right solution
- Overcoming challenges that come up when implementing technologies
- Real-life examples of using the right technology to manage data
- How to overcome budget limitations

12:30 – 1:30

Luncheon Break

1:30 – 2:30

The Seven Must-Haves of Highly Effective Projects and Other Tales of AI Adventure

Christos Sarakinos, Business Management, Digital Technologies, National Research Council Canada

- What is AI, seriously?
- What to expect when you're analyticsing?
- The seven must-haves of highly effective projects
- NRC analytics projects for public sector clients

2:30 – 2:45

Networking Break



2:45 – 3:45

Going Agile: Developing Agile Analytics for Government

Shahina Perveen, Business Intelligence Programmer Analyst, Government of Canada

- Why make analytics agile?
- Transforming people's mindset to adapt to agile ways
- Aligning delivery with strategy
- Building a team to deliver agile analytics
- Challenges in implementing agile in analytics projects

3:45 – 4:30

The Fun Stuff: Predictive Analytics, Prescriptive Analytics and More

Greg Furlong, Deputy Chief, City of Ottawa

- Predictive analytics, prescriptive analytics: what does it all mean?
- Latest updates on predictive and prescriptive analytics
- Increasing profits using predictive analytics
- Tips, tricks and techniques for identifying the likelihood of future outcomes
- Mastering the "knowing your customer" technique and why it matters

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Increase your visibility with senior business strategy, technology, analytics, and business intelligence professionals at *Big Data and Analytics for the Public Sector*. A limited number of sponsorship options are available.

For more information or to check availability, contact our sponsorship department by telephone at 1.800.474.4829, ext. 224, or by email at sponsorship@infonex.ca.

Big Data & Analytics for the Public Sector

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WHO SHOULD ATTEND THIS EVENT

- CTOs and CIOs
- Managers and senior executives of analytics, business intelligence and IT
- Information analysts, data analysts and data scientists
- Business intelligence analysts and marketing analytics specialists
- Directors of information management
- IT auditors, performance auditors and audit managers
- Program and project managers with analytics and BI responsibilities
- Architects, designers, and developers of analytics systems
- Big Data researchers
- Analytics and business intelligence consultants

REGISTER BY PHONE, ON-LINE, OR IN THESE 3 EASY STEPS!

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Course for Groups of 3 +	\$2,199 each	\$1,699 each
Course for Groups of 2	\$2,299 each	\$1,799 each
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LOCATION:

Big Data and Analytics for the Public Sector will be held at a convenient downtown location in Ottawa which could include the Ottawa Conference and Event Centre or the Radisson Hotel Parliament Hill. Detailed venue information will be forthcoming as it becomes available.

YOUR REGISTRATION INCLUDES:

Registration fees include all course materials, continental breakfast, lunch, and refreshments. **Parking and accommodation are not included.**

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CANCELLATION POLICY:

Substitutions may be made at any time. If you are unable to attend, please make cancellations in writing and email to register@infonex.ca or fax to 1-800-558-6520 **no later than October 9, 2018**. A credit voucher will be issued to you for the full amount, redeemable against any other INFONEX course and which is valid for twelve months (one year) from the date of issue.

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