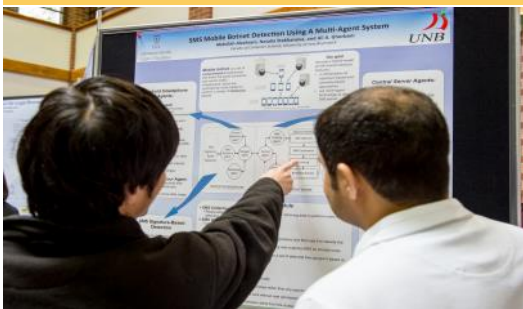


UNB FACULTY OF COMPUTER SCIENCE



*FRIDAY, APRIL 10, 2015
8:30AM - 4:30PM
WU CONFERENCE CENTRE
6 DUFFIE DRIVE*

cs.unb.ca/research-expo



 **Faculty of
COMPUTER
SCIENCE**
Fredericton • New Brunswick • Canada

2015 RESEARCH EXPO

Welcome

Welcome to the 2015 Faculty of Computer Science Annual Research Exposition. I hope that you enjoy the exposition's program and find the experience of meeting and sharing thoughts with our students and researchers as well as one another unique and worthwhile!

The 2015 Faculty of Computer Science's Annual Research Exposition showcases the excellent research, new developments, and experience related to the area of information and communication technology. The coverage of the contributions is very wide, which is one of the features that distinguishes our research expo from other events that focus on more specific areas. The participants in the Exposition will have the opportunity to hear leading experts and IT leaders present keynote talks and have the opportunity to view the posters at the poster sessions.

Many people contributed to the success of this Exposition. I would like to thank all the organizing committee members for their effort and dedication. I am also very pleased to thank all the students and professors for their posters which are the main attraction, the speakers and to all the participants. You are the ones who make all this effort worthwhile!

Andrew McAllister
Acting Dean

Keynote Speaker



Mr. Ronald Servant
Development Manager - J9 Java Virtual
Machine - Java Technology Center, IBM

Mr. Servant received a Bachelor of Mathematics from the University of Waterloo in 1996. He has worked in the software development field for 19 years, with experience in telecommunications and managed runtimes. He has been a member of the Java Technology Center in Ottawa since 2003, and is currently a Software Development Manager for the J9 Java Virtual Machine team.

Program

8:30 - 9:00

Registration

9:00 - 9:05

Dr. Andrew McAllister, Acting Dean, Faculty of Computer Science, UNB

9:05 - 9:15

Dr. David Burns, Vice President (Research), UNB

9:15 - 10:00

Mr. Ronald Servant, IBM - Keynote Speaker

"Developing in the Cloud using Bluemix"

10:00 - 11:00

Break & Poster Session I

11:00 - 12:00 Speaker presentations

Dr. Paul Cook - Faculty of Computer Science, UNB

"NLP for social media: Challenges and opportunities"

Mr. Pierre Mullin - Siemens, *"Smart Grid Software Architecture – Designing for the Internet of Things"*

Dr. Natalia Stakhanova - Faculty of Computer Science, UNB

"Malware code reuse: myths and reality"

Mr. Jason Frenette - NSERC

12:00 - 13:00

Lunch & Poster Session II

13:00 - 14:15

Dr. Wei Song, Faculty of Computer Science, UNB

"User Cooperation: Empowering Faster Wireless Connections"

Grad Student Presentations

14:15 - 14:45

Break & Poster Session III

14:45 - 16:00

Przemyslaw Pocheć - Faculty of Computer Science, UNB

"Mobile Medium"

CS Square Presentation

Closing Remarks



Computer Science Creative Space: CS Square

CS Square is a Creative Space for peer learning, knowledge sharing, and extracurricular technical-creative IT related activities and entrepreneurship.

An 'open space' entrepreneurship centre in the Faculty of Computer Science where students, faculty and local industry can meet to collaborate and exchange innovative ideas and vision.

CS Square provides:

- **Mentorship:** All new entrepreneurs can receive one-on-one mentoring sessions
- **Networking:** Our students can participate in **Pitch competition**, industry expert panel discussions
- **Workshops:** CS Square regularly organizes technical hands-on workshops, **Bits & Bites** sessions