MESSAGE FROM THE CHAIRS

PATRONS

It is our great pleasure to welcome you to the 2015 edition of CloudNet, the IEEE International Conference on Cloud Networking. After the successful first three editions of CloudNet in Paris in 2012, San Francisco in 2013, and Luxembourg in 2014, it has been our privilege to organize the fourth edition of this event in beautiful Niagara Falls (Canada).

This year, 36 papers were accepted to the conference regular track, covering a variety of critical and timely topics such as data center network management, software-defined networking, virtualization, network topology optimization, cloud federation and inter-cloud networking, mobile cloud computing and services, security, quality of service, energy efficiency and green cloud networking. Regular track paper presentations are organized into 10 single-track and parallel-track technical sessions, complemented by special sessions on selected topics in cloud networking, posters and demonstrations.

The program also features three engaging keynote speeches delivered by Albert Greenberg, Distinguished Engineer and Director of Development for Microsoft Azure Networking, Thierry Coupaye, Head of research on cloud platforms at Orange Labs, Prof. Nelson Fonseca from University of Campinas. A panel discussion between leaders of the research community from academia, industry and research institutes concludes the conference.
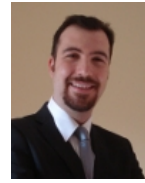
CloudNet 2015 would have not been possible without the tireless efforts of the organizing and technical committees and the contribution of the authors and the reviewers. We are most grateful to our patrons, sponsors and supporters. The organizing committee put together an appealing technical program. We hope that you will enjoy it along with the social program in the idyllic setting of Niagara Falls.

Raouf Boutaba
General Chair

Noura Limam
TPC Co-Chair

Burak Kantarci
TPC Co-Chair

Bell

IEEE SOFTWARE DEFINED NETWORKS

IEEE BigData

VENUE FLOOR PLANS

GENERAL INFO

LEVEL 9 CONFERENCE LEVEL

P1 CONFERENCE LEVEL

LOBBY LEVEL LOUNGE 1,729 SQ.FT.

HOT TUBS
POOL
POOL DECK

10 STOREY ATRIUM 1,820 SQ.FT.

ELEVATOR LOBBY

FALLSVIEW ROOM 3 1,467 SQ.FT.

FALLSVIEW STADIUM THEATRE/ FALLSVIEW DINING 9,520 SQ.FT.

BAR

FALLSVIEW ROOM 2 1,196 SQ.FT.

FALLSVIEW ROOM 1 525 SQ.FT.

PATIO

FALLSVIEW WINDOWS

FALLSVIEW WINDOWS

SALON A 1,550 SQ.FT.

SALON B 1,150 SQ.FT.

SALON C 2,624 SQ.FT.

FOYER

ELEVATOR LOBBY

BOARDROOM A 364 SQ.FT.

FOYER

BOARD ROOM B 312 SQ.FT.

SALON D 729 SQ.FT.

SALON D BREAKOUT

Registration Hours:

Mon 8:00 – 16:00 [Foyer]
Tue 8:30 – 16:00 [Foyer]
Wed 8:30 – 12:00 [Foyer]

Internet access:

SSIDs: attwifi
          hhonors
Promo code: CLOUDNET

PROGRAM AT A GLANCE

Time/Day	2015-10-05		2015-10-06		2015-10-07
8:30 - 9:00	Opening Ceremony [Salon C]				
9:00 - 10:00	KEYNOTE #1 [Salon C]		KEYNOTE #2 [Salon C]		KEYNOTE #3 [Salon C]
10:00 - 10:45	Coffee Break [Foyer]		Coffee Break [Foyer]		Coffee Break [Foyer]
10:45 - 12:30	Technical Session S1 [Salon C]		Technical Session S6 [Salon C]		Technical Session S11 [Salon C]
12:30 - 14:00	Lunch [The Keg-Level 9]		Lunch [The Keg-Level 9]		Lunch [The Keg-Level 9]
14:00 - 15:15	Tech. Session S2 [Salon C]	Tech. Session S3 [Salon B]	Tech. Session S7 [Salon C]	Tech. Session S8 [Salon B]	Technical Session S12 [Salon C]
15:15 - 16:00	Coffee Break [Foyer] Posters/Demos		Coffee Break [Foyer] Posters/Demos		Coffee Break [Foyer] Posters/Demos
16:00 - 17:15	Tech. Session S4 [Salon C]	Tech. Session S5 [Salon B]	Tech. Session S9 [Salon C]	Tech. Session S10 [Salon B]	Expert Panel [Salon C] Awards & Concluding Remarks
18:00 - 19:00	Welcome Reception [Fallsview Room 2-Level 9]		Banquet [Trius Estates, Niagara-on-the-Lake]		
19:00 - 20:00					
20:00 - 21:30					

Monday

8:30 – 1000 [Salon C] Opening and Keynote Session

Albert Greenberg
Microsoft

SDN for the Cloud

10:00 -10:45 Coffee Break [Foyer]
10:45 – 12:30 Technical Sessions
[Salon C] S1 Datacenter Network Management, Reliability, Optimization

14:00 – 15:15 Technical Sessions
[Salon C] S2 Data Flow Management and QoS
[Salon B] S3 Inter- and Intra-Cloud Networking
15:15 – 16:00 Coffee Break [Foyer]
Posters and Demos
16:00 – 17:15 Technical Sessions
[Salon C] S4 Data center network architectures and Services
[Salon B] S5 Traffic Characterization, Measurement and Engineering
18:00 – 20:00 Reception [Fallsview Room 2 – Level 9]

Tuesday

9:00 - 10:00 [Salon C] Keynote Session

Thierry Coupaye
Orange Labs

Towards the extinction of mega data centers?

10:00 -10:45 Coffee Break [Foyer]
10:45 – 12:30 Technical Sessions
[Salon C] S6 Mobile Cloud Computing and Services

14:00 – 15:15 Technical Sessions
[Salon C] S7 Cloud Network Virtualization
[Salon B] S8 Content Distribution and Protection in Data Center Networks
15:15 – 16:00 Coffee Break [Foyer]
Posters and Demos
16:00 – 17:15 Technical Sessions
[Salon C] S9 Special Session 1
[Salon B] S10 Special Session 2
18:00 – 21:30 Banquet [Trius Estates – Niagara-on-the-Lake]

Wednesday

9:00 - 10:00 [Salon C] Keynote Session

Nelson Fonseca
University of Campinas

Networking in the Big Data Era

10:00 -10:45 Coffee Break [Foyer]
10:45 – 12:30 Technical Sessions
[Salon C] S11 Energy Efficiency and Green Networking

14:00 – 15:15 Technical Sessions
[Salon C] S12 Cloud Federation
15:15 – 16:00 Coffee Break [Foyer]
Posters and Demos
16:00 – 17:15 [Salon C] Expert Panel
Awards
Closing