



**IEEE**

**Ottawa  
Section**



*The 2015  
Keynote Appreciation  
Award*



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Section**



*Presents this plaque to*

***Dr. Paul Corkum***

*in appreciation of his contribution to the IEEE Ottawa Section as  
the AGM 2015 Keynote Speaker.*

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*Dr. Wahab Almuhtadi, P.Eng., SMIEEE  
Chair, IEEE Ottawa Award Committee*

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*Janet Davis, P.Eng., SMIEEE  
Chair, IEEE Ottawa Section*

*Ottawa, October 10, 2014*



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*Presents this plaque to*

*Dr. Paul Corkum*

*in appreciation for his contributions to the IEEE Ottawa Section  
as the AGM 2015 Keynote Speaker.*

A handwritten signature in cursive script, likely belonging to Dr. Wahab Almuhtadi.

*Dr. Wahab Almuhtadi, P.Eng., SMIEEE  
Chair, IEEE Ottawa Award Committee*

A handwritten signature in cursive script, likely belonging to Janet Davis.

*Janet Davis, P.Eng., SMIEEE  
Chair, IEEE Ottawa Section*

*Ottawa, November 6, 2015*



# *The 2015*



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# *Awards*

*By Dr. Wahab Almuhtadi, P.Eng., SMIEEE  
Award Committee Chair*



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*The 2015  
Corporate Awards  
in  
ICT, Hi-Tech, the Year of Light,  
and Clean-Tech*



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*2015 Outstanding  
Information & Communications Technology  
Company  
Recognition Award*



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*Presents the 2015 Outstanding Information & Communications  
Technology Company Recognition Award to*

***Corsa Technologies***

*for its innovation in delivering programmable switches, routers and Layer 4-7 capabilities for  
Software Defined Networks (SDN) and Network Function Virtualization (NFV).*

A handwritten signature in black ink, appearing to read 'W. Almuhitadi'.

*Dr. Wajahat Almuhitadi, P.Eng., SMIEEE  
Chair, IEEE Ottawa Award Committee*

A handwritten signature in black ink, appearing to read 'Janet Davis'.

*Janet Davis, P.Eng., SMIEEE  
Chair, IEEE Ottawa Section*

*Ottawa, November 6, 2015*

# CORSA TECHNOLOGY INC.

Corsa Technology is a next-generation network equipment provider, delivering scale, performance and flexibility in a programmable hardware platform designed specifically for high bandwidth programmable networks.

Ottawa based, venture backed, Corsa was founded in 2013, and now has 40 employees located in Ottawa serving customers around the globe.

Corsa is a recognized leader in Software Defined Networking and provides true innovation in decoupling network control from traffic forwarding, allowing unprecedented levels of performance and optimization across campus, regional and long haul networks.

[www.corsa.com](http://www.corsa.com)







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*2015 Outstanding  
High Technology Company  
Recognition Award*



# IEEE

## Ottawa Section



*Presents the 2015 Outstanding High Technology  
Company Recognition Award to*

# *Shopify*

*for its leading, reliable and scalable cloud-based multichannel  
commerce platform designed for businesses of all sizes.*

*Dr. Wahab Almuhtadi, P.Eng., SMIEEE  
Chair, IEEE Ottawa Award Committee*

*Janet Davis, P.Eng., SMIEEE  
Chair, IEEE Ottawa Section*

*Ottawa, November 6, 2015*

# Shopify Inc.



**Shopify is a leading cloud-based, multichannel commerce platform designed for small and medium-sized businesses.**

Merchants can use the software to design, set up and manage their stores across multiple sales channels, including web, mobile, social media such as Pinterest and Facebook, brick-and-mortar locations, and pop-up shops. The platform also provides a merchant with a powerful back-office and single view of their business. The Shopify platform was engineered for reliability and scale, using enterprise-level technology made available to businesses of all sizes. Shopify currently powers over 200,000 businesses in approximately 150 countries, including: Tesla Motors, Budweiser, Wikipedia, LA Lakers, the New York Stock Exchange, and many more.



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*2015 Year of Light Outstanding  
High Technology Company  
Recognition Award*





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*Presents the 2015 Year of Light  
Outstanding High Technology Company Recognition Award to*

***OZ Optics***

*for its leading design and manufacturing capabilities  
for a broad range of high quality next generation fiber optic components.*

A handwritten signature in black ink, appearing to read 'Wahab Almuhtadi'.

*Dr. Wahab Almuhtadi, P.Eng., SMIEEE  
Chair, IEEE Ottawa Award Committee*

A handwritten signature in black ink, appearing to read 'Janet Davis'.

*Janet Davis, P.Eng., SMIEEE  
Chair, IEEE Ottawa Section*

*Ottawa, November 6, 2015*



# OZ Optics Limited

- Celebrating 30 years of excellence in fiber optics
- Leading supplier of fiber optic components, test equipment, and sensors
- Vendors in over 30 countries, with over 10,000 customers worldwide
- 330 employees worldwide, with over 200 in Ottawa
- Close collaboration with local universities and research institutions
- Broad patent portfolio
- Advanced processing capabilities
- Extensive R&D programs





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*2015 Outstanding  
Clean Technology Company  
Recognition Award*





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*Presents the 2015 Outstanding  
Clean Technology Company Recognition Award to*

***WCI Environmental Solutions***

*for its innovation in the treatment of organic waste and biosolids,  
wastewater and leachate and polluted bodies of water.*

*Dr. Wahab Almuhtadi, P.Eng., SMIEEE  
Chair, IEEE Ottawa Award Committee*

*Janet Davis, P.Eng., SMIEEE  
Chair, IEEE Ottawa Section*

*Ottawa, November 6, 2015*



# EOS-2000 *A Sustainable, Innovative & Effective Solution!*

## EOS Solves and Improves

Low depleted oxygen levels

Bad odours

Excessive metals

BOD and COD

Excessive algae growth (P)

Turbidity and TSS

Excessive macrophyte growth (N)

Sludge reduction at bottom



- Solar-Powered (\$0 power)
- Eco-Friendly (Chemical free)
- Portable & Easy to Install
- Simple service
- Low maintenance
- No moving parts

### Applications in:

Sewage lagoons, stormwater ponds, aquaculture, mine tailings and recreational lakes and ponds

Innovative aerobic solutions for treatment of water & wastewater, liquid organic waste, solid organic waste:

- EOS-2000 for water: Lakes, Lagoons, Stormwater and Recreational Ponds treatment
- ThermAer ATAD process for solids: Sewage sludge/biosolids digestion/stabilization
- Liquid composting for organic wastes – SSO
- Advanced composting technologies



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**“multiplying the power of nature” to solve pressing environmental problems**



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***2015  
Appreciation Award***



# IEEE

## Ottawa Section



*Presents the 2015 Appreciation Award to*

# *Juniper Networks*

*for its valuable support of the activities of the IEEE Ottawa Section  
and to the success of the IEEE IM 2015 conference.*

*Dr. Wahab Almuhtadi, P.Eng., SMIEEE  
Chair, IEEE Ottawa Award Committee*

*Janet Davis, P.Eng., SMIEEE  
Chair, IEEE Ottawa Section*

*Ottawa, November 6, 2015*

# OUR MISSION IS TO CONNECT EVERYTHING EMPOWER EVERYONE



- Encourage discovery
- Rethink education
- Revolutionize communication
- Enable cleaner water
- Power social movements
- Create global communities
- Build applications
- Explore nature
- Improve health







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*The 2015  
Individual Awards*



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*2015 Outstanding Educator  
Award*



# IEEE

## Ottawa Section



*Presents the 2015 Outstanding Educator Award to*

*Dr. Hussein Mouftah*

*for his outstanding vision, caliber, and contributions as a university educator who supervised more than 500 graduate student researchers over the course of his career, many of whom are now researchers in private sector companies, university professors or entrepreneurs.*

*Dr. Wahab Almuftadi, P.Eng., SMIEEE  
Chair, IEEE Ottawa Award Committee*

*Janet Davis, P.Eng., SMIEEE  
Chair, IEEE Ottawa Section*

*Ottawa, November 6, 2015*



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# *2015 Outstanding Engineer Award*





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*Presents the 2015 Outstanding Engineering Award to*

*Martin Plesnik*

*for his continuous innovation and sustained technical contributions to the  
development of power supply technologies for wireless applications.*

A handwritten signature in black ink, appearing to read 'W. Almuhtadi'.

*Dr. Wahab Almuhtadi, P.Eng., SMIEEE  
Chair, IEEE Ottawa Award Committee*

A handwritten signature in black ink, appearing to read 'Janet Davis'.

*Janet Davis, P.Eng., SMIEEE  
Chair, IEEE Ottawa Section*

*Ottawa, November 6, 2015*



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*2015 Outstanding Service Award*



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*Presents the 2015 Outstanding Service Award to*

*James R. Green*

*for long-term, dependable, and quality service to the IEEE  
EMBS Chapter and the field of biomedical engineering.*

A handwritten signature in black ink, appearing to read 'W. Almuhtadi'.

*Dr. Wahab Almuhtadi, P.Eng., SMIEEE  
Chair, IEEE Ottawa Award Committee*

A handwritten signature in black ink, appearing to read 'Janet Davis'.

*Janet Davis, P.Eng., SMIEEE  
Chair, IEEE Ottawa Section*

*Ottawa, November 6, 2015*



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*2015 Outstanding Volunteer Award*





# IEEE

## Ottawa Section



*Presents the 2015 Outstanding Volunteer Award to*

*Kexing Liu*

*for his long term contribution through his service as the Chair of  
the IEEE Photonics Society Ottawa Chapter.*

*Dr. Wahab Almuhtadi, P.Eng., SMIEEE  
Chair, IEEE Ottawa Award Committee*

*Janet Davis, P.Eng., SMIEEE  
Chair, IEEE Ottawa Section*

*Ottawa, November 6, 2015*



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# *Other IEEE Awards*



**IEEE**

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*2015*

*IEEE FELLOW ELEVATIONS*

*FROM*

*OTTAWA SECTION*



IEEE

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*IEEE*  
*POWER AND ENERGY SOCIETY*  
*OUTSTANDING ENGINEER*  
*AWARD*





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# *IEEE PHOTONICS SOCIETY AWARD*



**IEEE**

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# *The 2015 Group Awards*



**IEEE**

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*2015 Outstanding Chapter Award*



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*Presents the 2015 Outstanding Chapter Award to*

*The Ottawa Joint Chapter of Electron Devices Society,  
Circuits and Systems Society & Solid-State Circuits Society*

*for organizing technical events and workshops,  
and promotion of the IEEE Ottawa Section.*

A handwritten signature in black ink, appearing to read 'W. Almuhtadi'.

*Dr. Wafab Almuhtadi, P.Eng., SMIEEE  
Chair, IEEE Ottawa Award Committee*

A handwritten signature in black ink, appearing to read 'Janet Davis'.

*Janet Davis, P.Eng., SMIEEE  
Chair, IEEE Ottawa Section*

*Ottawa, November 6, 2015*





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*2015 Outstanding Student Branch Award*



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*Presents the 2015 Outstanding Student Branch Award to*

*The Carleton University Student Branch*

*for organizing events and increasing  
active services to its members.*

A handwritten signature in black ink, appearing to read 'W. Almuhtadi'.

*Dr. Wahab Almuhtadi, P.Eng., SMIEEE  
Chair, IEEE Ottawa Award Committee*

A handwritten signature in black ink, appearing to read 'Janet Davis'.

*Janet Davis, P.Eng., SMIEEE  
Chair, IEEE Ottawa Section*

*Ottawa, November 6, 2015*



**IEEE**

**Ottawa  
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*2015 Outstanding Committee Award*



**IEEE**

**Ottawa  
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*Presents the 2015 Outstanding Committee Award to*

## *The Teacher In-Service Program*

*for promoting the TISP program, working with pre-university students  
and increasing the visibility of the IEEE Ottawa Section.*

A handwritten signature in black ink, appearing to read 'W. Almuftadi'.

*Dr. Wahab Almuftadi, P.Eng., SMIEEE  
Chair, IEEE Ottawa Award Committee*

A handwritten signature in black ink, appearing to read 'Janet Davis'.

*Janet Davis, P.Eng., SMIEEE  
Chair, IEEE Ottawa Section*

*Ottawa, November 6, 2015*