



Sponsored by:


[WowGao Home](#)
[Attendees](#)
[Sponsors & Exhibitors](#)
[Partners](#)
[Agenda](#)
[Contact Us](#)
[Register](#)

October 27 - 28  
National Trade Centre,  
Exhibition Place  
Toronto, Canada

Event Countdown:

# 8 days

**Get Free  
1-Session  
Passes!**

Exhibiting & Presenting  
Companies



i-flex solutions



Laserfiche



## WhiteHat Inc. CEO, Rosaleen Citron offers a preview of her Keynote presentation on Security

Oct 17, 2005 - Rosaleen Citron, the Chief Executive Officer of WhiteHat Inc., discusses her upcoming keynote presentation at the e-Financial WorldExpo in an exclusive interview with CIPS Connections. Ms. Citron is amongst the Profit and Chatelaine Top 100 Women Business Owners for the past several years and has been nominated for the Ernst and Young Entrepreneur of the Year Award. Profit Magazine has nominated Mrs. Citron as Canadian Woman Entrepreneur of the Year. Most recently, CRN Magazine names Rosaleen Citron #2 in the 5 Canadian Innovators worth Watching in 2005, and she was selected by the Canadian Embassy in Washington to present a keynote speech on cross border security.

Ms. Citron will discuss key guidelines and processes for anticipating and managing business risk, ensuring accountability, and enhancing competitive advantage using technology and credentialed IT professionals as the key drivers. She will analyze how corporate brand, compliance, client privacy, digital identity, scandals and disasters have influenced the current business landscape and outline her step by step process for reducing risk and enhancing the competitiveness of organizations.

To access the full text of Ms. Citron's interview please click the following link:

<http://www.stephenibaraki.com/cips/v95/rcitron.html>

Author: Stephen Ibaraki, ISP, CNP, DFNPA : CIPS Board profile:

<http://www.cips.ca/media/biography/directorStephen.asp>

### About 2005 e-Financial WorldExpo:

The 2005 e-Financial WorldExpo, organized by WowGao, is the most anticipated international exposition and conference that covers all aspects of information technologies and enterprise solutions employed by the world's financial service sectors, including banking institutions, insurance providers, investment and brokerage houses, securities and mortgage providers. Focusing on new financial applications, the conference and exposition together will explore many hot topics, including Online Banking Applications, Electronic Bill Presentment / Payment (EBPP), Security, e-Commerce / e-Business, Outsourcing, Risk Management & Analytics, Customer Relationship Management and many others. Participants at this expo, being either speakers, partners, exhibitors or attendees, include major players from the international financial world: CFOs, CEOs, Banking Executives, government financial policy advisors, and system distributors. They are attending to learn, share, purchase, and discuss all aspects of the e-financial and financial worlds. Event details can be found at <http://e-financial.wowgao.com>.

[Back To List](#)



Media & Advertising Partners





**Upcoming Events**

[2005 e-Financial WorldExpo](#)

**Past Events**

[2005 Government & Health Technologies Forums](#)

[2005 Wireless & Mobile WorldExpo](#)

[CISIS 2005](#)

[Multimedia Shanghai 2005](#)

[CON4](#)

[Send to Colleague](#)

**Subscribe eNewsletter**

First Name:

Last Name:

Email:



<img>

[About Us](#) - [Careers](#) - [Contact Us](#) - [Site Map](#)

© Copyright 2001-2005, WowGao.com All rights reserved.

This site is optimized for Internet Explorer 6.0 at 800x600 resolution



Canadian Information Processing Society



[About CIPS](#) | [Join Us](#) | [Standards](#) | [IT Today](#) | [Students](#) | [Sponsors](#) | [Members Only](#)

PATH: [CIPS Connections](#) < [News](#) < [Home](#)

- CIPS Connections

- [Current Articles](#)
- [Archives](#)
- [Search](#)

- News Releases

- [Current News Releases](#)
- [Archives](#)
- [Search](#)

## CIPS Connections

# **Rosaleen Citron: Eminent International Security Authority, Acclaimed Top-Ranking Entrepreneur and Executive, and CEO of WhiteHat Inc.**

Interview by Stephen Ibaraki, I.S.P.

This week, Stephen Ibaraki, I.S.P., has an exclusive interview with acclaimed top-ranking entrepreneur and executive, Rosaleen Citron.



Rosaleen Citron is the Chief Executive Officer of WhiteHat Inc., an industry leading Information Technology Security Provider. Ms. Citron oversees the overall vision of the company within marketing, partnerships, alliance programs and supplier relationships. She is actively involved in the public media, and corporate awareness programs helping their partners and the public understand the need for security in today's high-tech marketplace.

As an active member of the Computer Security Institute (CSI), the Information System Security Association (ISSA), and the Women's Executive Network, Ms. Citron is actively pursued for speaking engagements. As a result of Ms. Citron's widely respected elite expertise in security and business, she keynotes at numerous conferences around the globe, including at the 2005 e-Financial WorldExpo, October 27-28 in Toronto.

Ms. Citron is amongst the Profit and Chatelaine Top 100 Women Business Owners for the past several years and has been nominated for the Ernst and Young Entrepreneur of the Year Award. Profit Magazine has nominated Ms. Citron as Canadian Woman Entrepreneur of the Year. Most recently, CRN Magazine names Rosaleen Citron #2 in the 5 Canadian Innovators worth Watching in 2005, and she was selected by the Canadian Embassy in Washington to present a keynote speech on cross border security.

Discussion:

Q: Rosaleen, with your extensive history of career successes and demanding schedule as CEO of WhiteHat Inc., we are particularly fortunate you found time for this interview. Thank you for sharing your considerable expertise with our audience.

A: Thank you Stephen; my pleasure.

Q: What are your key guidelines and processes for anticipating and managing business risk, ensuring accountability, and enhancing competitive advantage using technology and credentialed IT professionals as the key drivers?

A: IT security is a market community. We have a privileged trust relationship with some of the world's most security-conscious organizations and their IT security staff. In other words, we're connected. We know what works and what doesn't work for them; we know what they have done, what they are doing and what they are thinking of doing. We've also witnessed the entire evolution of the Internet and IT security. (I have been around since dinosaur mainframes ruled the world.) Our IT Security practitioners carry numerous industry specialized certifications and security clearances. They understand what products and services the clients require and are very careful of the clients' resources, budgets and abilities in the implementation of same. The strong corporations today are very cognizant of the compliance issues and Brand protection. As the CEO of a company who understands the issues, I would want my Security handled by people who really

know what they are doing and know they are trusted. After all you are allowing them the ability to get close to the keys of your kingdom; client data, patent information, intellectual property, personnel data and more. Industrial espionage is at an all time high, it is amazing how many methods someone can use to get data and trade secrets out of a company. We see a lot of companies that do some security work as a sideline, to us that is analogous to a plumber building your network. All of these factors lie at the heart of our decision-making and competitive advantage. We work in IT Security, it's all we do and we really understand it.

Q: You speak of corporate brand, compliance, client privacy, digital identity, scandals and disasters as segments of the business landscape.

Q1) How do these areas influence how executives look at technology and how do we as business executives and IT professionals secure these areas?

A1: You have touched on a key issue. Executives don't look at technology, they look at ROI. So you install a chain-link fence, barbed wire and a guard post. What's the ROI on that? There isn't one. But security doesn't have an ROI, it should be considered as part of the cost of doing business. The issues we deal with are Security tends to be event driven, so should be classified as tactical. Security needs to become part of the everyday process and should be treated as strategic from the get go. However, we are seeing a shift as compliance issues, governance and privacy regulations are forcing companies to look at security, strong policies, client privacy protection, brand protection and are moving them into a "best practices" area. It is not unusual today to see a CPO or chief privacy officer; just a few years ago this position did not exist.

Q2) What is the association or relationship to mitigating business risk?

A2: Every corporation accepts some risk; the decision that has to be made early on is how much risk you are willing to take. Having best security practices, technology and a savvy workforce serve to reduce risk while generally resulting in a better-running and a much more competitive organization. For example, when a company does not take the time or care to protect client personal data and it becomes exposed, several things will happen. The clients will lose confidence in the company and take their business elsewhere, the corporate brand will take a negative hit, and the competitors will learn a lesson that you pay for.

Q3) Can you provide an overview of the processes required to reduce risk and enhance competitiveness?

A3: First, there has to be a will to improve. Next, the threat environment needs to be identified, along with the attendant risks. The business assets need to be identified and their value established. A gap analysis shows up any deficiencies of the safeguards that are in place. Finally, required safeguards are identified, budgeted, implemented and monitored. Then, you repeat the process because it's a new day.

Q4) How have elements of these areas become critical to competitive advantage and how can credentialed information technology professionals be leveraged to ensure continuing and sustained success? Do you have added comments, best practices and standards of practice recommendations, to make specifically about governance and compliance?

A4: As I mentioned earlier, the well organized and prepared corporations have taken a good look at themselves and determined how much risk they can afford. Then they have looked at the personnel who are best to carry out the plans. Professionals at all levels that are credentialed are important to the plans because they keep themselves up-to-date in their area of expertise and their value is very high to the company.

We have a five step strategic plan that we work from, the one thing we all have to remember is if everything is a crisis then nothing is.

1) Start with a twenty thousand foot view of the corporation: What are the priorities? A strong 5 year business plan is a great start. This helps you understand where the company wants to go; then you can create security strategic objectives.

2) Risk Assessment. Once you have your priorities in order you look at which risks you face that could slow down or immediately stop the business in its tracks. You achieve this with a strong security assessment, internal and external.

3) Set goals that can be measured. What do you need to protect? Generally we recommend that you need to protect your people, products, profits, processes, hard assets, and of course, your reputation. Each industry is different and has specific risks - these are just the general ones.

4) Time frame in strategic planning long term - 3 to 5 years is the norm. With security, the maximum you can have plans in place are usually a year to eighteen months. New threats emerge all the time and also have to be taken into consideration as "unknowns". Regulations and compliance within an industry can change rapidly due to events.

5) Be flexible, you can't plan for everything. A good example of this is Google hacking; hackers use the search engine to do vulnerability analysis of your company. Or Phishing and spyware; two or three years ago there is no way you could have included this in your strategic security plan.

Even with all of these plans and tight security, sometimes something happens. What does the corporate internal and external communications strategy look like? We have all witnessed in the press issues with specific banks: corporate data exposed, faxing problems, Canadian Tire money coming out of ATM's, credit card information exposed or stolen. The easy way to tell if the company involved had the right risk mitigation and communications plans in place is to

ask, which ones do you remember as “boy that was bad”. They generally have a very poor communications plan for the media and the public. The companies that did an excellent job of communicating the issues, and even more important, communicated the remediation plans are the companies that ultimately won that war. You probably remember the story but can’t remember the company name - and that’s the point.

Q: Where do you see your company positioned in 2006 and into the future to address the changing landscape?

A: Some things change and some stay the same. As I have shown with a corporate strategic security plan, we take our own advice (quite a concept); WhiteHat must remain flexible. We have a core business philosophy and ethic that will continue to serve us well into the future. We have been very diligent in staying ahead of the curve in threats, changes and laws; it’s part of our job and this is what makes us an excellent partner for our clients. As far as changes, we know that we are in a good position to proactively track the evolution of IT security and our clients’ business models. Compliance and brand exposure are two very busy areas. Security, compliance and privacy software/ hardware manufacturers are going through a high speed consolidation. In a few years there will probably be only five or six really big IT security manufacturers. Not something we view as a good thing. A lot of times a really tremendous technology is acquired by one of these companies and a couple of years later no one can remember the name, yet alone where it landed. One of the areas that has served our company and the practitioners we employ well is the ability to create interoperability of these security and compliance products. Our specialists don’t know one firewall they know the top five. Our recommendations are based on how these technologies/policies and protocols interface in the clients environment.

Q: From your substantial career, which experiences have generated the lessons of greatest impact; what are the lessons that you would want to share with other executives?

A: One of the strongest lessons I have ever learned I see nearly every week. We perform assessments for clients. Our practitioners write comprehensive reports, we look into the proverbial corners, sweep under the mats, look behind things and inform the clients what remediation they need to take. Most times there are no real hard costs involved - it’s just policy changes, or closing down holes in the networks, or changes to procedures and the documenting of same. Yet they still do not remediate. Then when something happens, they are surprised. The lesson is, when you take the time and spend the money to find out if you are secure, read the report, act on the high risk issues immediately and set a plan to complete the recommendations.

Q: Please make five predictions for the future and how business executives and IT professionals can best prepare?

A:

1. SuperBugs- worms, viruses and trojans oh my! Put them all together and you have zero day superbugs. We have already seen zero day attacks, (this is an attack that affects millions of machines in less than a day), we have seen viruses and worms that have payloads (a virus gets into your systems, nothing happens then on a specific date, or time or event the virus launches). When you put this all together you will have a Superbug.

To prepare, your antivirus vendors need to be held responsible, but the end corporations and end users are responsible to update their software. None of it will work if you have not kept yourselves up to date. If the bug was powerful enough that it could shut down entire networks in seconds, have a plan in place as you would for disaster recovery.

2. Identity Theft – In June of this year, I predicted that by the end of the year (2005) a minimum of 10% of the US population would have had its personal data exposed in one form or another, putting these people at risk of ID Theft. Three days after I made this prediction, 40,000,000; that is, forty million credit cards and attending data were exposed.

To prepare for more of this, make sure you pay attention to changes in your credit; there are a number of free services and now you can buy insurance. Today if your identity is stolen, you are at risk of monetary loss, credit loss, and on top of this you are responsible to clear your name. The average person would need approximately 100-200 hours of phone calls and letters. Make sure that your credit cards have fraud protection. This is your life, protect it.

3. Industrial Espionage – this is at an all time high and we see incidents every week. Internal security has become a high priority for corporations that have intellectual property to protect. To prepare, have a plan and understand what is most valuable to the company. Scan for keywords of this valuable information, make sure its not getting out via e-mail, spot check courier packages, be very careful with instant messaging, keep the corporate jewels in a safe place with only trusted employees having access. Lately we have seen several incidents of industrial theft that was perpetrated by an employee of five or more years.

4. Phishing: Simply put this is Identity Theft of corporations. Here is where Brand protection comes in. Phishing is becoming more sophisticated and it plays on the psychological fears of humans. You get an e-mail that looks real, it has the corporate logos and correct electronic addresses, and it informs you the company is experiencing difficulties. The most popular being:

- they have experienced a security breach, this scares people
- they are undergoing a maintenance update
- your user ID and password have expired, etc.

You tend to react by doing what the message tells you; from clicking on the link to a website that also looks very legitimate, to changing your passwords and ID's

online. In the meantime, the company whose name is on the e-mail knows nothing of this and you just gave your personal key information to someone with nefarious intentions.

To prepare for this, Corporations need a very good communications strategy and key messages, a remediation strategy. You might even want to look into the new flavor of companies that specialize in brand protection. Their mission is to scour the internet for anything with your corporate name, address, logo etc. on it and review the content. We have seen this type of planning reduce the threat and exposure to corporate brands from weeks, in some cases, to hours.

5. Cyber Terrorism: This is not an area I wish to predict; however, we have to face facts. If you want to disrupt a government or a country the use of cyberspace is inevitable. To prepare for this is difficult; government and law enforcement are very concerned about the potential threats and are taking steps to plan for these things.

Q: What does your research indicate about the burgeoning China-based market?

A: The emergence of China as an industrialized exporter will impact IT. The rate at which this happens will depend on whether that country can sustain explosive growth. History shows us that the markets are unkind to that kind of expansion. From the standpoint of the IT security business, it will be less of a factor. While IT jobs may be outsourced there, IT security will most certainly not. There will also be strong resistance to any IT security software written there. Security experts are very concerned about the fact that for \$5,000 (more than an annual salary), it is very easy to bribe an employee into building a backdoor into certain technologies.

Q: How about India?

A: India has grown more organically and is a more stable economy. Further, when they made the decision to start writing software and became a recognized player in the area, they did some things very well. A good example of this is the standards to which they write software code. In North America, software manufactures/developers have long believed that 14 – 17 defects/errors per 1,000 lines of code were acceptable. The developers in India chose a path of quality and work towards 0.03 errors or defects per 1,000 lines of code. Again, IT jobs will be outsourced there, but we believe that IT security will most certainly not, and again for similar reasons to China.

Q: You are continually selected as one of the top executives. How do you wish to shape the world and contribute to the fabric of history?

A: We have a very strong corporate social conscience. Our executive team and I speak at a lot of events to educate people in proper computer hygiene. It is our responsibility to teach our children the right and wrong uses of computers and technology. We teach them not to talk to strangers on the street and in cars, but

do we also warn them about the predators on the internet? The bulk of the security threats we suffer from today can be traced back to home computers. Over 200 million home computers around the world have been captured as zombies and are being used by hackers to create Denial of Service Attacks. We conducted a study recently with the CBC. (Our original statistics of a new computer connected to the Internet would be attacked, trojaned, or captured as a zombie came from SANS.ORG at 7 minutes.) The test we ran took 1 minute before the computer was attacked and taken over. Technology can be an incredible benefit, but it can be used as a weapon.

It is also a personal goal to help parents understand that their children are very bright and use technology like we used the telephone, record player or tape deck; it was inherent to our being and part of our social growth. Technology has become part of this generation's techno-DNA. We need to teach rules and boundaries. I witnessed a mother telling everyone within earshot at an airport how proud she was of her twin boys - how technically savvy they were. These boys had very expensive notebooks and it only took me a minute to realize they were hacking into the airport control tower and the airport security office. We estimated they were 11-12 years old. Their mother had no idea what they were doing. All she knew was they were using the computers she bought them. Some of the most damaging attacks we have witnessed on the internet were launched by Script-Kiddies; they pick up the code from a hacker site and launch it without thinking about the ramifications.

As we learn lessons from the things we witness, we believe it is very important to pass this along and make people aware.

Q: Rosaleen, your extensive history has provided many deep insights that we all must carefully consider. Thank you for sharing your substantial wisdom with our audience.

A: Stephen, thank you for the opportunity.

[CIPS Connections](#) | [Archives](#) | [Search](#)

---

▪ [About CIPS](#) ▪ [Join Us](#) ▪ [Standards](#) ▪ [IT Today](#) ▪ [Students](#) ▪ [Sponsors](#)  
▪ [Members Only](#) ▪ [News](#) ▪ [Media](#) ▪ [Sitemap](#) ▪ [Contact](#) ▪ [HOME](#)

Copyright © 2005 Canadian Information Processing Society All rights reserved.

[Terms of Use](#) [Privacy Statement](#)

Contact: [info@cips.ca](mailto:info@cips.ca) or 1 877 ASK CIPS (275 2477)

## Director-At-Large, Stephen Ibaraki, I.S.P.



Stephen Ibaraki I.S.P. is a 35+ year veteran of IT and serves the Canadian Information Processing Society (CIPS) as Director-at-large.

Stephen has been interviewed widely in the business and IT press as a CIPS media-contact expert in more than 50 areas of business and technology where he believes strongly in having CIPS represented as the leading voice for IT in Canada and as a widely regarded professional association internationally. He has contributed approximately 300 book reviews, articles, papers, web-casts, and interviews with leading international experts in business and technology since the mid-90s which appear on the CIPS national web-site and *CIPS Connections* newsletter. In addition, Stephen has been an international evangelist of the

Information Systems Professional of Canada (I.S.P.) designation – you can also find his support for the legislated professional designation on the back of the CIPS membership card.

As Director-at-large, Stephen adds to his contributions to CIPS by serving on the Editorial Board of *CIPS Across Canada* (CaC) magazine, and the Advocacy Committee. He is also supporting IT professionalism and accreditation programs.

In 2001, Stephen was the recipient of the CIPS Gary Hadford Award which includes a concurrent induction into the CIPS Hall of Fame. This award was given in recognition of Stephen's writings, his skill and experience to the IT industry as a researcher, consultant, and advisor to the media, and his "*outstanding achievements in fields related to information processing and high degree of competence in his field*".

[With a nearly 50-year history, CIPS is a founding member and a board member of the 60+ country International Federation of Information Processing; holds two board seats with the international ICCP; an affiliate membership with the South East Asia Regional Computer Federation; holds formal ties with the British, Australian, and New Zealand Computer Societies; has formal relationships with major Canadian Associations, and international accreditation groups.]

Stephen was elected as a Board Director in January 2005 to a four-year maximum term to the Network Professional Association (the only director outside of the US). He serves on the NPA Certification and Accreditation board and on the Editorial Board where he also contributes as Managing Editor and Writer for NPA publications. Stephen was the inaugural recipient of the international NPA lifetime Career Achievement Award, presented at Networld+Interop Las Vegas in 2002, the highest of international awards for outstanding lifetime business/technology achievements, integrity, and professionalism in the industry. Stephen is the only international recipient of this highest honor amongst nominee finalists that have included top "Fellows" and "Distinguished Engineers."

The industry sector award is sponsored by the Network Professional Association, with cooperation and support from Networld+Interop Las Vegas (largest international conference in networking, the internet, security, and communications); Network World magazine, Network Computing magazine (the leading publications in this sector); Pearson Technology Group Publishing (world's largest publisher); Microsoft; and Novell (participated in judging for 2005).

Stephen is also an invited member of the US-based Council of Advisors Gerson Lehrman Group, and the Society of Industry Leaders Vista Research group. In June 2005, he was invited as a founding member of the Canadian Council for Culminis which is the largest IT Pro organization uniting more than 2800 user groups in 31 countries and 500,000 members. Other appointments include the board of directors for a Microsoft-profiled human resource management software company, chairman of an internationally-profiled web development company and directorships in several international companies.

In 2002, Industry Canada and the Information Technology Association of Canada representing the top 1300 corporations in computing, telecommunications software services, and electronic content awarded Stephen the IT Hero Award. They had this to say:

“Ibaraki has spent his entire career in the IT Industry and worked consistently on the leading edge of technology. He received the World Computer All Star award early on and has continued winning awards since. He could easily ride his talent and expertise to fame and fortune, yet the majority of his time, effort and resources go to his students...Stephen has consistently received the highest teaching evaluation scores. He has also earned the Top Teacher Award. He has freely shared his research...Throughout his career Stephen has excelled. Yet what is so unique about him is the amount of time and effort he freely gives to help others. Whether it is in the classroom or on a consulting assignment he never misses an opportunity to help others understand how things work in the world of technology.”

In 2004, Stephen’s executive team received IT Hero recognition from Culminis for their work in sponsoring entrepreneurship amongst college students. Earlier in his career, Datatech Systems Ltd (now part of EDS), the largest Canadian IT outsourcing, field service, mini/micro OEM, and research company awarded Stephen the national "All Star Team Award". Moreover, Stephen received selection as one of the top writers in science and technology by the Western Magazine Foundation.

Microsoft has profiled Stephen for "leading the industry." His business and technology research consultancy reports and articles reach more than 10,000 enterprises worldwide. Speaking requests include Networld+Interop, Comdex Las Vegas, WorldExpo WowGao conferences.

In 2005, Stephen spoke on Strategic Planning for the NPA AGM at the Networld+Interop conference in Vegas. Previously, Stephen presented on Building Business Models for Web Services at Comdex Las Vegas. He led all ten briefings over two days in London at an international conference for enterprises sponsored by Xephon, the leading European technical and marketing research organization serving 10,000 enterprises in over 80 countries. Personally invited by the executive team and profiled as “world renowned” by Smartforce/Skillsoft, the world's leading e-learning company, Stephen was one of the first to lead numerous global video broadcasts and live Q&A on leading-edge technology designs and business implementations to 2500 enterprise clients, and 5 million users. His weekly discussions with leading CEOs/CIOs, senior business executives, business and technology experts also appear before the NPA, Pearson newsletters, InformIT, WorldExpo conferences, Myst, and recently with Culminis. His business predictions were selected from amongst the world's best experts for CEOnetworking's top ten 2004-business trends and by the marketing portal TechTransform.

Stephen has taught extensively as a college faculty member in business and computing for 25 years earning an Excellence in Teaching Award, the Most Inspirational Instructor Award, and perfect teaching evaluations. He designed curriculum, entire programs, and taught courses related to computer science (programming logic, assembler, C, C++, VB, operating systems, data communications, Unix), information systems (business systems, SQL databases, networks, Microsoft, Novell, micro applications), and business (advertising multi-media support, marketing, quantitative methods or financial math). Various duties included as senior faculty, technical manager of advanced professional programs, head of research of advanced professional programs, computing convener [akin to computing head].

Stephen designed and implemented the first client/server labs sponsored by Chevron/Hitachi and featured in the media, the first industry/academic/CIPS accredited programs, and received letters of commendation and recommendation from the college board chair, college president, dean and has been profiled in college publications for his achievements. In 2002, he was invited to present at the World Computing Congress, the only Canadian college faculty member and company chairman invited to do so. He retired from teaching in Jan 2005. In 2005, his work was cited along side Tim Berners-Lee, inventor of the World Wide Web and the current director of the World Web Consortium (W3C), in a paper on the Semantic Web by the Boeing Phantom Works for the W3C.

The 2001 Hall of Fame inductee, Stephen Ibaraki I.S.P. is a multi-award-winning 35-year information technology and business researcher, industry analyst, writer, and veteran college educator for the School of Business (recently retired).

Amongst the many thousands of companies, past advisory roles in business strategy, marketing, and technology include:

- Wilson Sonsini Goodrich & Rosati, the world's leading legal firm serving the technology and investment sector headquartered in Palo Alto California (\$260B in M&A transactions, \$90B in equity/debt offerings);
- 3000+ corporate member Canadian Office Products Association;
- Atomic Energy of Canada, the world's largest producer of radiopharmaceuticals;
- Telecommunications groups such as BC TEL;
- ASEA, one of the world's largest manufacturing groups; and
- Federal Business Development Bank.

**Contact:**

Mylene Sayo, Manager, Public Relations

CIPS

Phone: (905) 602-1370 or E-mail: [info@cips.ca](mailto:info@cips.ca)

| [CLOSE WINDOW](#) |