



BREAKPOINT 2013: SINGLE STEPPING THROUGH SECURITY



BREAKPOINT
RUXCON

24th and 25th October, 2013
Intercontinental Rialto, Melbourne, Australia
www.ruxconbreakpoint.com



ABOUT BREAKPOINT

www.ruxconbreakpoint.com

Over two days, 14 world-renowned speakers front Breakpoint to share their knowledge on a full range of security issues, from unpublished research to the latest trends in information security.

Breakpoint's speakers are all at the forefront of their respective fields. Their talks equip participants with practical knowledge required for overcoming contemporary and advanced security threats.

The conference is hosted at the Intercontinental Rialto Hotel located in the heart of downtown Melbourne. Breakpoint provides a platform for participants to come together with like-minded industry professionals to network, exchange knowledge and collaborate.

The inaugural Breakpoint conference was an overall highly valuable conference that managed to fill a void in the Australasian conference agenda. The number of high calibre speakers that presented was something that had not been seen before in this area, and the organisers managed to arrange speakers across a wide range of topics. If you specialise in this industry then you cannot afford to miss the next one.

Brett Moore, Director, Insomnia Security

Visiting Breakpoint kills two birds with one stone: you can meet star presenters of overseas conferences who will talk about relevant, interesting and important (no fluff!) new research and at the same time show your boss you're being frugal by not demanding a week in Vegas for Blackhat. I will attend again this year.

Vitaly Osipov, Security Engineering Team Lead, Atlassian





WHY ATTEND?

www.ruxconbreakpoint.com

1

Learn from world class security researchers who have been selected as the best and brightest in their respective fields

2

Gain exposure to new concepts which will help you to discover and deliver solutions for real-world security problems

3

Network with a broad spectrum of delegates, develop new business opportunities, or find people to exchange ideas and experiences

4

Great professional development opportunity to increase upon your skillset and knowledge. Be among the first to learn about cutting edge security techniques.

5

Attend a world-class conference in the beautiful and culturally rich city of Melbourne

6

Engage and socialise in person with the speakers during Q&A sessions and the networking cocktail party event

Breakpoint is a world-class con where attendees can actually get access to the speakers. If you want to stay at the cutting edge of information security, you need to go.

Patrick Gray, Risky.biz



Topics covered at Breakpoint

- ❖ Mobile Device Security
- ❖ Exploitation Techniques and Mitigations
- ❖ Hardware and Embedded Device Security
- ❖ Open Source Intelligence Gathering
- ❖ Malware and Vulnerability Analysis
- ❖ Web Application Security
- ❖ Threat Intelligence
- ❖ Cloud and Virtualisation Security
- ❖ Reverse Engineering and Forensics



CONFIRMED SPEAKERS

www.ruxconbreakpoint.com/speakers

Stefan Esser



Stefan Esser is best known in the security community as the PHP security guy. Since he became a PHP core developer in 2002, he devoted a lot of time to PHP and PHP application vulnerability research. However in his early days he released lots of advisories about vulnerabilities in software like CVS, Samba, OpenBSD or Internet Explorer. Since 2007 Stefan has been the Head of R&D for German web application company SektionEins GmbH that he co-founded.

[Click here for more](#) ➤

Aaron Portnoy



Aaron Portnoy is the Vice President of Research at Exodus Intelligence where he tends to spend most of his time reading assembly code. The results of this usually include the discovery of vulnerabilities in ubiquitous software and the subsequent formation of an artisan exploit. Some software vendors affected by this include: Microsoft, Adobe, RSA, Novell, Symantec, HP, IBM, and VMware.

[Click here for more](#) ➤

Seungjin Lee



Beist has been a member of the IT security field since 2000. His first company was Cyber Research based in Seoul, South Korea and focused on pen-testing. He then got a Computer Engineering B.A. degree from Sejong University. He has won more than 10 global CTF hacking contests in his country as well as passed DefCon quals 5 times. He has sold his research to major security companies like iDefense and ZDI (Recon ZDI contest).

[Click here for more](#) ➤

Jon Oberheide



Jon is a well-known security expert and researcher. While his research interests span across the security domain, he has deep expertise in mobile security and cloud security. Jon attended the University of Michigan for a BS, MS, and PhD in Computer Science. Jon frequently speaks at leading security conferences, both in academia and in the industry. Jon was recently named one of Forbes' "30 under 30" for his Android security research.

[Click here for more](#) ➤



CONFIRMED SPEAKERS

www.ruxconbreakpoint.com/speakers

Paul Rascagneres



Paul has been a security consultant and security researcher for 10 years. He is the creator of the project Malware.lu, a repository of free samples for security researchers and a platform to publish technical analysis. Paul established the first private CERT in Luxembourg, which assists clients with reverse engineering, malware analysis, and incident response.

[Click here for more](#)

John Butterworth



John Butterworth is a security researcher at The MITRE Corporation who specializes in low level system security. He is applying his electrical engineering background and firmware engineering background to investigate UEFI/BIOS security.

[Click here for more](#)

Silvio Cesare



Silvio Cesare is a PhD student at Deakin University. His research interests include malware detection and automated vulnerability discovery using static analysis of executable binaries. He has previously spoken at conferences including Blackhat, Cansecwest, Ruxcon, and academic outlets. He is an author of the book "Software Similarity and Classification", and has worked in industry within Australia, France and the USA.

[Click here for more](#)

Danny Quist



Danny Quist is a staff member at MIT Lincoln Laboratory. He holds a Ph.D from the New Mexico Institute of Mining and Technology. Previously, Danny founded Offensive Computing, an open malware research site. His interests include reverse engineering, software and hardware exploitation.

[Click here for more](#)

More Speakers
will be announced soon





HOW TO REGISTER

www.ruxconbreakpoint.com/register

To register for Breakpoint please visit the registration site at **www.ruxconbreakpoint.com/register**

Please fill out the details on the registration form and wait for the payment website to return you back to the Breakpoint website. Accepted credit payment methods include: Visa, MasterCard, American Express and Electronic Funds Transfer.

Alternatively, offline registration can be arranged.

For any payment or registration enquiries please contact **enquiries@ruxconbreakpoint.com**

Registration includes:

- ❖ Attendance to Breakpoint conference
- ❖ Attendance to Ruxcon conference (first 25 delegates)
- ❖ Breakpoint branded backpack including program and sponsor inserts
- ❖ Breakpoint branded polo shirt
- ❖ Morning tea, lunch, and afternoon tea on Thursday and Friday
- ❖ Breakpoint delegate and speaker cocktail party

Fees	Early Bird Rate (Ends July 31)	Standard Rate (Ends September 15)	Late/Door Rate (Ends October 20)
Delegate	\$1,600 AUD	\$1,800 AUD	\$2,000 AUD
Group Rate * (5 or more)	\$1,520 AUD	\$1,710 AUD	\$1,900 AUD

* Delegates must be from same organisation and registrations must be submitted together.



BREAKPOINT TRAINING

www.ruxconbreakpoint.com/training

Breakpoint Training provides an opportunity for students to receive specialist hands-on security training not usually available in Australia. Our trainers are leading experts in their subject matter and have a great deal of experience training students at security events across the globe.

Metasploit Mastery - James Lee (Rapid7)

[Click here for more](#) 

This course dives into the newest features of the Metasploit Framework and demonstrates how easy it is to add your own features to it for when nothing exists to solve the problems you face. At the end of the course, students will understand the architecture and design goals of the Metasploit Framework and be able to extend the Framework.

PentesterLab Web-Jitsu - Louis Nyffenegger (PentesterLab)

[Click here for more](#) 

Join Louis, the creator of the popular and highly rated online training resource PentesterLab, as he guides you through this two day hands-on training class. Designed to be straight forward and easy to consume, this class will provide everything you need to start doing web penetration testing. Exploitation will be manually performed in order to get a strong understanding of vulnerability mechanisms and exploitation.

Utilising Programmable Logic for Hardware Reverse Engineering - Dmitry Nedospasov, Thorsten Schroeder

[Click here for more](#) 

This 3 day class will cover several techniques for hardware reverse-engineering such as firmware extraction, fuzzing and glitching. Students will become acquainted with the standard FPGA/ASIC development and will gain hands-on experience by applying the techniques introduced in the course to several embedded hardware targets. Students will be provided an opportunity to work with equipment such as professional oscilloscopes and logic analyzers.



ABOUT RUXCON

www.ruxcon.org.au

**26th – 27th October
CQ Function Centre
Melbourne, Australia**



Ruxcon is a larger and more casual conference run over a weekend and can be likened to an Australian version of Defcon.

Established in 2003, Ruxcon is organised by and for the Australian computer security community. The conference is an attempt to bring together the individual talents of the Australian security community, through live presentations, activities, and demonstrations. Ruxcon has now grown to become one of the largest and most anticipated informal security get-togethers running in the southern hemisphere.

Ruxcon is held over two days in a relaxed and informal atmosphere, allowing delegates to enjoy themselves whilst expanding their knowledge. More than 25 Australian and New Zealand speakers are expected to join the conference along with an attendance of over 600 delegates.

Delegates will have the opportunity to meet new people, both socially and through some friendly rivalry, during many of the activities, parties, and competitions. Ruxcon activities will allow novices to improve their basic skills, while experts can test their skills against their peers.





ACCOMMODATION



Intercontinental Melbourne (The Rialto)

495 Collins Street
Melbourne, 3000
Australia

We have organised discount accommodation rates for Breakpoint Conference participants, their partners or families. The special conference rate is \$295 per night for a King Deluxe Room for one person. To make a booking, please visit the **Intercontinental booking portal**.





INTERNATIONAL DELEGATES

About Melbourne

Melbourne is Australia's second largest city with over 4 million residents and is the capital of the state of Victoria, known as the Garden State. Melbourne is often described as vibrant, modern and cosmopolitan, with a thriving art and theatre scene, many galleries and museums, great shopping, cultural activities, world class restaurants and the home of many great sporting events. However, the old and new world live side by side with historic sandstone Victorian era buildings standing next to glass and steel highrises. It is this 'charm' which sets it apart from all other cities in Australia.

Travel

We suggest that you try to allow yourself at least a day in which to adjust to the time difference and relax after your flight before the conference.

Currently 26 international carriers currently operate direct to Melbourne including Qantas, United, Emirates, Etihad, Virgin, Viva Macau, Air China, Cathay Pacific and Singapore Air.

Climate

In Melbourne, mid-October is springtime and you can look forward to temperatures of approximately 22 Celsius (72 F) during the daytime, and 10 Celsius (50 F) in the evening.

Australian Visa Information

Visitors seeking to attend or participate in a conference or event in Australia should, in most cases, apply for a short stay business visitor visa (subclass 456). You must apply for your visa early to ensure that details are confirmed prior to your departure for the conference. If you require an invitation letter for visa purposes please contact us at: **enquiries@ruxconbreakpoint.com**.

Visitors holding an EU passport or from an Electronic Authority Travel (ETA) country are able to apply for a visa online. Further information can be found at the Immigration website.

