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CROW Newsletter - March/April 2018

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STRATUS soaring to Gold

The team at STRATUS had a busy year, which was topped off by receiving MBIE's Gold Status rating. They were awarded the Best Paper Award at the 2017 International Conference for Cloud Computing Research and Innovation in Singapore for their paper "Returning control of data to users with a personal information crunch - a position paper."

Led by CROW head Dr Ryan Ko, STRATUS was mentioned in the NZ Cyber Security Strategy Annual Report 2016 as an example of scientific research and commercialisation in cyber security, and hosted



internationally renowned cyber security events - bringing international awareness of STRATUS' quality work to the another level.

STRATUS also filed two patents for resiliency and recovery of data, and began commercialisation projects with LayerX, Gallagher, NakiCloud and Delta Insurance.

The six-year \$12.2 million cyber security project is funded by MBIE with a goal to create a suite of novel security tools, techniques and capabilities which allow users to control the security of their data in the Cloud and to give companies tools and services to sell.

Are our devices safe?

CISSP training

Today's fast paced technological growth means we are surrounded by new technology and systems. The Internet of Things is making us increasingly more connected, with our personal data being sent and received via wearable devices, household appliances and more. University of Waikato's computer science lecturer Dr Vimal Kumar's work with CROW students involves investigating the security and privacy issues in these emerging systems and how they impact us in our everyday lives.



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Registrations are now open for the inaugural CISSP (Certified Information Systems Security Professionals) training seminar in Wellington from Monday, April 30 - Friday, May 4.

[Register Here](#)

News

TJ Choi joins CROW team



New to the CROW team, TJ Choi recently took on the role of assistant research programmer. A former full-time student of Master of Cyber Security, he is taking a break to familiarise himself with the new role and plans to restart studies soon. Originally from Seoul, South Korea, TJ has lived in New

Zealand for the a little over a year and says New Zealand is a place his family has dreamed of making their home.

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Iris aligns Progger to Chinese cyber security laws



Kiwis report \$5.3million lost to cyber security in 2017. Read more from [CERT](#)



World leader in Enterprise Immune System technology for cyber security Darktrace explains how AI influences cyber security.

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NZ Career Development Association says the digital world provides great opportunities for young Kiwis to shape the future.

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Lizhu Su, known as Iris, is researching 'Aligning the Progger with New China Cyber Security Law'.

Find out how CROW's cyber security tool Progger could benefit the Chinese market as it looks into ways to protect cyber sovereignty for individual users.

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Register for Cyber Security Challenge here



New this year to the Challenge is the female only capture the flag competition on Friday, July 13. Round 0 - online qualifying is set for June 18-29. Rounds 1, 2 and 3 at the University of Waikato campus - July 13 and 14.

From competing to creating challenges



From competing in to working on the NZ Cyber Security Challenge, Mitchell Grout is creating challenges for the next round of competitors in 2018.

Working on creating several of the round 1 challenges, he is bound to secrecy on what the challenges entail.

Mitchell is one of the new Honours students to join CROW this year, double-majoring in Computer Sciences and Mathematics.

With a friend he competed in the NZCSC in 2016 and 2017 and was pleased to have solved nearly all of the challenges and solving some challenges ahead of their fellow contestants.

“My two favourite things about the NZCSC are the friendly environment, and the chance to learn more about the field; I find that I am always able to learn something new about cyber security every time I attend.”

He says the NZCSC provides a great introduction to cyber security with beginner’s courses to scripting and cyber security, as well as more intensive seminars on niche topics such as forensics, cryptography, and steganography. “Who doesn’t love the food and drink provided throughout the event, and the chance to win thousands of dollars in prizes.”



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