

MIT Technology Review shortlists 10 ‘Innovators Under 35 Asia Pacific’ for 2019

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For the first time since its inception, Singaporean researchers were not listed



Singapore – MIT Technology Review announced the top 10 young Innovators under the age of 35 in the region. Close to 200 nominations from talented researchers, inventors and entrepreneurs from countries and regions including Australia, Cambodia, Hong Kong SAR, Indonesia, Malaysia, New Zealand, Philippines, Singapore, Thailand, Taiwan, and Vietnam were received. This was the first year that innovators from Hong Kong SAR were able to apply and received recognition on the list.

The 10 honourees are selected from a pool of nominees who are either citizens or current residents of the countries and regions listed above. This year's entrepreneurs and researchers represent Australia, Hong Kong SAR, New Zealand, Singapore and Vietnam. These honourees are recognised for their research and innovations in the fields of quantum technologies, blockchain, deep-learning and computer-vision technology, nanosensors, computational biology, biofilm research, biomedical engineering and biotechnology.

“Innovators Under 35 is one of the most important awards for deep tech in Asia. It celebrates the exceptional talent of young scientists whose work could have global impact,” said Steve Leonard, Founding CEO, SGInnovate. “Throughout history, science has always formed the foundation of important new technologies. As the deep tech partner of EmTech Asia, we are thrilled to support these young scientists by celebrating their achievements and highlighting the value of their work.

2019's Innovators Under 35 Asia Pacific are:

1. **Jonathan Hall, 32, Life Whisperer, Australia- Using machine learning to identify healthy embryos during IVF to improve pregnancy outcomes**
2. **Katharina Richter, 31, University of Adelaide, The Queen Elizabeth Hospital, Australia- Developing innovative treatments against antibiotic-resistant bacteria, showing life-changing impact by improving healthcare for infections**
3. **Nana Liu, 30, John Hopcroft Center for Computer Science, Shanghai Jiao Tong University, Australia- Making quantum computing more trustworthy in a future quantum internet**
4. **Wenyue Zou, 30, Ian Potter NanoBioSensing Facility, RMIT University, Australia- Low-cost personalised wearable UV sensor offering real-time sun exposure monitoring**
5. **Cathy N.P. Lui, 31, OPER Technology Limited, Hong Kong SAR- Autologous neural stem cell harvest technology for an ultimate and novel cure of neurological diseases**
6. **Ruibang Luo, 29, The University of Hong Kong, L3 Bioinformatics Limited, Hong Kong SAR- Speed up precision medicine with algorithms and AI**
7. **Jason Gui, 27, Vigo Technologies Inc., New Zealand- Vigo is the world's first Bluetooth headset to help drivers stay awake at the wheel**
8. **Robert Bedington, 33, Centre for Quantum Technologies, Singapore- Delivering uncrackable encryption keys from space using quantum key distribution**
9. **Loi Luu, 27, Kyber Network, Singapore- Building a more secure, scalable and usable public blockchain infrastructure**
10. **Thanh Duc Nguyen, 34, University of Connecticut, Vietnam- Transforming biodegradable surgical-suture polymers into special forms/shapes with “smart” functions for medical applications**

The 10 'Innovators Under 35' are given tribute annually at MIT Technology Review's EmTech Asia conference which will be held on 22 and 23 January 2019 at the Marina Bay Sands Expo and Convention Centre. The list recognises the development of new technology or the creative application of existing technologies to solve global problems in industries such as biotechnology, materials, computer hardware, energy, transportation, communications, and the Internet.