

FELLOWS SHOWCASE: Bo AN

Bo An is a President's Council Chair Associate Professor, and Assistant Chair (Innovation) at the School of Computer Science and Engineering at NTU. His research interests include artificial intelligence, multi-agent systems, computational game theory, reinforcement learning, automated negotiation, and optimization.

#DYK

- Prof Bo An is the co-Director of the Artificial Intelligence Research Institute (AI.R) of NTU
- 2021 NTU Graduate College Mentoring Award, presented to supervisors who have shown excellence and innovation in mentoring graduate students. The award recognises supervisors who have demonstrated an unusual commitment to nurture and motivate graduate students, and the ability to foster their intellectual, creative, scholarly, and professional growth.

#nisthreads: Prof Bo An's latest publications include:

- [Regularized matrix factorization for multi-label learning with missing labels](#)
- [Embedding-augmented generalized matrix factorization for recommendation with implicit feedback](#)
- [GearNet: Stepwise dual learning for weakly supervised domain adaptation](#)
- [Pretrained cost model for distributed constraint optimization problems](#)
- [NSGZero: Efficiently learning non-exploitable policy in large-scale network security games with neural monte carlo tree search](#)

More details on our social media platforms this week:



FELLOWS IN THE MEDIA

[Vish S Viswanathan \(Prof\)](#)

10 Feb 2022:

- [Race to reduce Singapore F1's carbon footprint a good start, but experts are mixed on its impact](#)



[Chen Tao \(Prof\)](#)

20 Jan 2022:

- [Crypto curbs: Industry players say ad ban not the only way to protect retail investors in Singapore](#)

[Lim Yee Fen, Hannah \(Assoc Prof\)](#)

19 Jan 2022:

- [Associate Professor Hannah Yee Fen-Lim on safeguards for digital banking \(Live interview on *Singapore Tonight*\)](#)

[Madhavi Srinivasan \(Prof\)](#)

5 Feb 2022:

- [How one of the world's cleanest cities is getting even cleaner \(*Trash to Treasure*\)](#)





[Edson C. Tandoc Jr. \(Assoc Prof\)](#)

7 Feb 2022:

- [ST Explains: Why is Telegram so popular and what can be done about its problems?](#)

28 Jan 2022:

- [Many in Singapore confident they can spot fake news but may not actually be able to: Study](#)

EVENTS WITH NISTH IAB/FELLOWS



14-15 Feb 2022; 9:00 AM – 5:00 PM

New Frontiers in Biomedicine, is a physical-virtual hybrid event. It's scientific program will focus on advances in Neurobiology & Cell Biology, Stem Cells & Developmental Biology, Public Health, Infectious Diseases, as well as Technologies in Life Sciences. **NISTH Fellow & Deputy Director, Assoc Prof Hallam Stevens** is one of the invited speakers at the conference. Young researchers are welcome to submit abstracts for the oral/poster sessions. The in-person networking sessions, provides an avenue to exchange ideas & forge collaborations in the field.

Register: [Here](#); Zoom Mtg ID: 825 0206 6167 (PW: NFB2022)



16 Feb 2022; 7:00 PM – 8:30 PM

MBA Masterclass: Creating Transformational Leaders, is organized by NBS. Provides an opportunity to experience an exclusive MBA Masterclass over an interactive session with our **NISTH Fellow and Deputy Dean Prof. Boh Wai Fong**. It aims to help discover: how training and skill development can impact individuals' opportunity identification capabilities; how organisations adapt to uncertain times by exercising their ability to identify new business opportunities.

Register: [Here](#)



21 Feb 2022; 3:00 PM – 4:30 PM

Technology and Community Initiatives addressing Ageing, is presented by iHealthtech – HealthTEC. **NISTH Fellow Prof Theng Yin Leng** is one of the invited acclaimed speakers, alongside Mr Ivan Goh (CEO, Quantumn TX) and Dr James Kah (NUS), from academia and industry to explore the emerging technology for elderly-centred health technologies, the management of muscle loss, and a local community initiative for testing-bedding and adoption of gerontechnologies. Join the session to discover the local innovative health technologies.

About the Speakers : [Here](#) Register: [Here](#)

OTHER EVENTS



17 Feb 2022; 3:30 PM – 4:30 PM

Industry 4.0: How ready are you? is organized as part of NTUitive's Makan Night talks. The fourth industrial revolution is upon us and it isn't just about technology. It's also how companies should leverage on it to bring greater value to your business. Without a clear Industry 4.0 strategy, it's hard to get there. So where do you begin? Join this session to understand how to start, scale and sustain your Industry 4.0 Transformation journey.

Register: [Here](#)



RSIS WEBINAR

18 Feb 2022; 3:30 PM – 5:00 PM

COVID-19 and Regional Multilateralism in the Asia-Pacific, is part of the RSIS Webinar Series on Post-pandemic Recovery Across Regions. RSIS Webinar Series will take stock of regional and global international multilateral organisations in 2022 and assess how they have been affected by nearly two years of pandemic amid other grave uncertainties and geopolitical shifts. Looking at multilateralism globally across major world regions, experts will investigate how regions have multilaterally responded to the crisis, what new issues are emerging, and what lessons ASEAN might learn from other regions/regional organisations' experiences and vice versa.

Register: [Here](#)

GRANT / CHALLENGE CALLS & OPPORTUNITIES

For assistance in identifying research partners, email us at NISTH-research@ntu.edu.sg



Call Deadline for Submission: 16 Feb 2022

1st Marine Climate Change Science Grant Call (1st MCCS Grant Call) is led by the National Parks Board (NParks). The MCCS programme is developed under the RIE2025 and will serve as a national focal point for multi-disciplinary marine climate change research to help address the challenges faced by our coastal and marine environment arising from climate change. **More details at:** [Here](#)

Call Deadline for Submission: 22 Feb 2022

A United Nations ESCAP-APRU-Google Collaboration, has put out a Call for Participation in 'AI for Social Good: Strengthening Capabilities and Government Frameworks in Asia and the Pacific' – a United Nations ESCAP-APRU-Google collaboration – to scholars who are conducting research on AI-related topics and are interested in supporting regional governmental agencies to develop sound and transparent AI ecosystems. This 1st call is aimed at academics (in any discipline) with expertise in AI-related topics who are interested in taking part in this transformative project. **More details at:** [Call document](#)

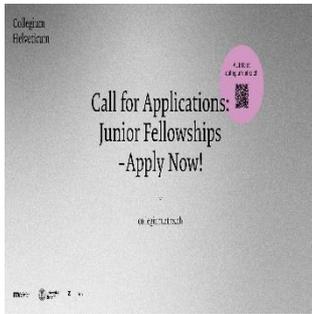
Early Notification – 1 – 31 March 2022

The Intra-CREATE Seed Collaboration grants are aimed to generate an impetus for collaborations to form between researchers from CREATE Partner Institutions co-located in Singapore, in order to achieve greater impact from collaborative research efforts. The Intra-CREATE Seed Collaboration grants are supported up till SGD 250,000 (inclusive of indirect costs) from NRF over a period of 18 months.

More information: [Here](#) (Login required)



**NATIONAL
RESEARCH
FOUNDATION**



Call Deadline for Submission: 7 Mar 2022

The Collegium Helveticum's Junior Fellowship Programme is the joint Institute for Advanced Studies (IAS), ETH Zurich, the University of Zurich and the Zurich University of the Arts. It promotes encounters between the humanities and social sciences, natural and engineering sciences, medical sciences and the arts. The Programme offers promising young scholars from the sciences and the arts the opportunity to work on individual projects in an interdisciplinary environment for 10 months.

More details at: [Here](#)

Register by: 18 March 2022

8th Underwriters Laboratories - ASEAN-U.S. Science Prize for Women 2022 with the theme "Artificial Intelligence in Health & Safety", has been launched! The Science Prize aims to strengthen ASEAN S&T capacity and gender equality and provides promising ASEAN female scientists with recognition awards for their academic and professional achievements. Applicants for the 2 categories: **(i) Mid-career for scientists aged 45 years and below**, and **(ii) Senior for scientists aged 46 and older** must be ASEAN citizens and hold a doctoral degree.

Registration page for Mid-career Category: [Here](#)

Registration page for Senior Category: [Here](#).

For queries, Refer to [the Science Prize website](#) or email [Science Prize](#)



Deadline: 31 March 2022

Temasek Foundation Call 2022, champions sustainability and innovative solutions to improve liveability in an World of active and productive economies, beautiful and inclusive societies, and a clean and cool earth. They are currently conducting their Call for Proposals, and is seeking innovative solutions in two key areas: [Liveability and Sustainability](#) and [Public Health](#). Interested parties who have completed their proofs of concept and need support to create and demonstrate prototypes in an operational environment are encouraged to submit their proposals online.

More information: [Here](#) (Login required)



Deadline: 1 April 2022

The Liveability Challenge, is presented by Temasek Foundation and organised by Eco-Business. The Challenge is looking for disruptive, game-changing solutions that will help cities accelerate **decarbonisation**, meet increasing demand for food, and conserve our planet's natural ecosystems. Finalists stand a chance to win the grand prize of up to S\$1 million in grant funding for project development, among other opportunities. The three themes for this year's challenge are: Decarbonisation, Food & Agritechology and Nature-based Solutions.

More information: [Challenge Website](#)



Email us at nisth-events@ntu.edu.sg; Website: www.nisth.ntu.edu.sg