In this Bulletin

For its maiden issue, Science, Technology and Security explicates artificial intelligence from three perspectives: (1) public policy, (2) regulation, and (3) ethics and philosophy. An introduction to STS and FIT is also featured. Images below were generated by AI (imagine.art).

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The Science, Technology and Security (STS) bulletin by the Future Issues and Technology (FIT) cluster features thought pieces on key emerging technologies, such as artificial intelligence, space, quantum technologies, technology geopolitics, and smart cities. We aim to explicate novel technologies in relation to policy to facilitate discussion, information sharing, and collaboration. **Click to read more.**

Benjamin Ang is Senior Fellow and Head of the Centre of Excellence for National Security (CENS) and oversees the FIT cluster. He is also Head of Digital Impact Research (DIR) at RSIS. Karryl Sagun-Trajano is Research Fellow for FIT.

AI: Three Emerging Thoughts from a Public Policy School | Aaron Maniam

This essay does not pretend to present stable or immutable (and, likely, wrong) observations about AI. Rather, it suggests lines of inquiry that might allow us to think more clearly about AI, drawing from emerging attempts to teach these issues (and how governments use digital technology more broadly) at the Blavatnik School of Government in Oxford, and conversations with colleagues in other global policy schools. **Click to read more.**

Aaron Maniam is Fellow of Practice and Director of Digital Transformation Education at the University of Oxford's Blavatnik School of Government. He co-chairs the World Economic Forum's Global Future Council on the Future of Technology Policy and is a member of the OECD's Expert Group on Artificial Intelligence (AI) Futures.

When to Regulate AI | Simon Chesterman

This article draws on material considered at greater length in *We, the Robots? Regulating Artificial Intelligence and the Limits of the Law* (Cambridge University Press, 2021) and in a chapter for *The Handbook of the Ethics of AI*, edited by David J. Gunkel (Edward Elgar, forthcoming). **Click to read more.**

Simon Chesterman is David Marshall Professor and Vice Provost (Educational Innovation) at the National University of Singapore, where he is also the founding Dean of NUS College. He serves as Senior Director of AI Governance at AI Singapore and Editor of the Asian Journal of International Law.

"Ethics and Philosophy and Technology Are Colliding Right Now": What To Do About AI | Shashi Jayakumar

Artificial Intelligence has in recent months arrived at a point where the probabilistic prediction of a next token gives a seemingly fantastic illusion – one almost of sentience. These and other recent developments with generative AI and foundation models have given rise to concern and hand-wringing in equal measure, with some experts prepared to countenance the possibility that uncontrolled efforts in AI development might even pose an existential risk – fears that would have been impossible to take seriously a decade ago. **Click to read more.**

Shashi Jayakumar was previously Head of the Centre of Excellence on National Security and Executive Coordinator of Future Issues and Technology, RSIS.