UNIVERSITIES’ ROLE IN ARTIFICIAL INTELLIGENCE (AI) INNOVATION ECOSYSTEMS

PROGRAMME

Organised By

In Partnership with

ASIA-EUROPE FOUNDATION

FUDAN UNIVERSITY

APRU
## Programme Overview

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Week 1 Theme | Welcome, Introductions, Understanding AI
Live Session on Thursday, 25 March 2021

8:00-10.00 GMT

Welcome and Introductions
- Ms Leonie NAGARAJAN, Director, Education Department, Asia-Europe Foundation (ASEF)
- Prof Shen Yi, Director of International Institution of Global Cyberspace Governance, Director of Center for BRICS Studies, Fudan University, China
- Dr Christopher TREMEWAN, Secretary General, Association of Pacific Rim Universities (APRU)

Getting to Know Each Other, Introductions by Expert Facilitators
- Dr Alex GRECH, Executive Director, The 3CL Foundation, Malta
- Mr Stephen J HALL, Senior Lecturer, MSc IT&S Programme Coordinator, Malta College of Arts, Science and Technology (MCAST)

AI Origins, AI Now, AI in the Future
This session will provide participants with an overview of Artificial Intelligence focusing on perspectives from academia and insider views from industry. Presentations showcasing the history of artificial intelligence, how it’s being applied to everyday life and the rapid changes that will witness its evolution in the foreseeable future.

Academic perspective
- Dr Wayne HOLMES, Lecturer on Learning Sciences and Innovation, Institute of Education, University College London; UNESCO Consultant on AI and Education

A New Generation of AI
- Prof Wei LIN, School of Mathematical Sciences and Research Institute of Intelligent Complex Systems, Fudan University, China

Week 2 Theme | Universities’ Role in Innovation Ecosystems
Live Session on Thursday, 1 April 2021

08:00 - 10:00 GMT

This session will focus on innovation ecosystems and how Universities can leverage their position to create and harness their growth. Two presentations portraying the diversity and cohesion that exists between Asian & European perspectives on how universities work with different actors in ecosystems, their strategies and engagement. Speakers will each present their respective broad perspectives.

Asian perspective on the university’s role in ecosystems and strategies:
- Prof Pascale FUNG, Director, Center for AI Research (CAiRE), Hong Kong University of Science & Technology (HKUST)

European perspective on the university’s role in ecosystems and strategies
- Mr Thomas JØRGENSEN, Senior Policy Coordinator at the European University Association (EUA), Belgium
Week 3 Theme | Governing AI Innovation Ecosystems
Live Session on Thursday, 8 April 2021

08:00 – 10:00 GMT

This session will focus on AI innovation ecosystems and will explore ethical issues and the need for good governance. A series of presentations that address the privacy, ethics and responsibility issues in higher education institutions.

- **Al, Education and the Public Good**
  - Professor Jiro KOKURYO, Vice-President for Information Infrastructure, and Shonan-Fujisawa Campus (SFC), Keio University, Japan

- **The case for regulating the AI sector**
  - Dr Joshua ELLUL, Chair, Malta Digital Innovation Authority

- **AI and the Ethics dilemma**
  - Prof XU Yingjin, School of Philosophy, Fudan University, China

Week 4 Theme | Teaching and Skill Needs of AI Innovation Ecosystems
Thursday, 15 April 2021 | Live Session

08:00 – 10:00 GMT

The theme for this week will expand the outlook on AI Innovation Ecosystems by exploring the Teaching perspective. This week’s presentations will focus on the roles that universities need to tackle to educate tomorrow’s AI experts, the extracurricular programmes and skills needed. Both academic and industrial perspectives will be presented to yield a holistic understanding of the requirements.

- **Bridging the Skills Gap in Europe: an Academic perspective**
  - Dr Aleksandra PRZEGALIŃSKA-SKIERKOWSKA, Vice-Rector Responsible for International Cooperation and ESR, Kozminski University, Poland

- **Bridging the Skills Gap in Europe: an Industry perspective**
  - Prof Dr Dr Christian WERNER, President and CEO, European Open Education University Network, Germany

- **Bridging the Skills Gap in Asia: an Academic perspective**
  - Prof Wei ZHONGYU, Professor of School of Big Data, Fudan University

- **Bridging the Skills Gap in Asia: an Industry perspective**
  - Mr XU Yongjiang, Vice President for Corporate AI Industry Development, Huawei Technologies Co. Ltd

Week 5 | Teaching Entrepreneurship for AI Innovation Ecosystems
Thursday, 22 April 2021 | Live Session

08:00 – 10:00 GMT

Building on last week’s session the theme for this week will further expand the outlook on AI Innovation Ecosystems by exploring the Entrepreneurial perspective. Focusing on the entrepreneurship skills that are taught to STEM students, this session will assess and seek ways of bridging the gap and overcome the challenges that STEM students experience in bringing their innovative ideas to market.
Can entrepreneurial skills be taught?
- Dr Rajiv Vaid BASIAWMOIT, Head of Sci-tech Innovation & Entrepreneurship, Aarhus University, Denmark

How incubators in Asia support the nascent AI sector
- Dr Alex LIN, Interim Chief Executive Office, Nanyang Technological University, NTUitive Pte Ltd., Singapore

Week 6 | Research and Industry Relations in AI Innovation Ecosystems
Thursday, 29 April 2021 | Live Session

08:00 – 10:00 GMT
This session presents the participants with the challenges of facilitating the transfer of knowledge. This series of presentations looks at the need for the transfer of research and technology knowledge from academia to industry across Europe and Asia. Good practice methods are also showcased.

Bridging Universities to the Innovation Needs of Industry
- Mr Arno MEERMAN, CEO & Founder, University Industry Innovation Network, The Netherlands

Case study & Good Practices in AI: an Asian Perspective
- Mr ZHU Shiqiang, President, Zhejiang Lab; Vice-President of Zhejiang University, China

Week 7 | Technology Transfer in AI Innovation Ecosystems
Thursday, 6 May 2021 | Live Session

08:00 – 10:00 GMT
Building on last week's session the theme for this week will further expand on challenges of facilitating the transfer of knowledge. This series of presentations looks at the need for the transfer of research and technology knowledge from academia to industry across Europe and Asia. Good practice methods are also showcased.

Bridging Universities to the Innovation Needs of Industry
- Dr Joana RESENDE, Pro-Rector - Strategic Planning, Entrepreneurship and Knowledge Transfer, CEO of UPTEC – Science and Technology Park of University of Porto, Portugal

Case Study on Working with Cyber Security Industry
- Dr Shen Yi, International Institution of Global Cyberspace Governance, Fudan University, China

Presentations will be followed by Facilitator-led breakout rooms. Participants will reflect upon the practices employed by their own university and assess their effectiveness against the good practices presented. Participants would include bespoke methods into their BMC.

Week 8 | Summary and Wrap Up
Thursday, 13 May 2021 | Live Session

08:00 – 10:00 GMT
Presentation of action plans, Reflections, Summary, Moving Forward
Asia-Europe Foundation (ASEF)

ASEF is an intergovernmental not-for-profit organisation located in Singapore. Founded in 1997, it is the only institution of the Asia-Europe Meeting (ASEM). ASEF promotes understanding, strengthens relationships and facilitates cooperation among the people, institutions and organisations of Asia and Europe. ASEF enhances dialogue, enables exchanges and encourages collaboration across the thematic areas of culture, education, governance, sustainable development, economy, public health and media.
For more information, please visit www.ASEF.org.

Fudan University

Fudan University is a major public research university in Shanghai, People’s Republic of China. Founded in 1905, today it is widely considered as one of the most prestigious and selective universities in the country. The QS University Rankings 2021 ranked Fudan as the 7th most reputable university in Asia, while it is classified as a Double First Class University by the Ministry of Education in China. Fudan also actively incubates high-tech industries and encourages them to convert knowledge to power. In return, the multi-pattern development of the high-tech industries helps the University to industrialize the research outcomes.
For more information, please visit https://www.fudan.edu.cn/en

Association of Pacific Rim Universities (APRU)

As a network of leading universities linking the Americas, Asia and Australasia, the Association of Pacific Rim Universities (APRU) is the Voice of Knowledge and Innovation for the Asia-Pacific region. We bring together thought leaders, researchers, and policy makers to exchange ideas and collaborate on effective solutions to the challenges of the 21st century.
For more information, please visit https://apru.org

Asia-Europe Meeting (ASEM)

The Asia-Europe Meeting (ASEM) is an intergovernmental process established in 1996 to foster dialogue and cooperation between Asia and Europe. Presently it comprises 53 partners: 30 European and 21 Asian countries, the European Union and the ASEAN Secretariat. ASEM addresses political, economic, social, cultural, and educational issues of common interest, in a spirit of mutual respect and equal partnership. In Berlin (Germany) in 2008, ASEM Ministers of Education met for the first time and since then have been meeting regularly (every second year) to develop the ASEM Education Process (AEP) and to create an ASEM Education Area.
For more information, please visit ASEM Info Board.