

Memorandum of Understanding
on the International Engineering Science Consortium

Cornell University, USA
KTH Royal Institute of Technology, Sweden
National University of Singapore, Singapore
Osaka University, Japan
The University of Auckland, New Zealand
The University of Queensland, Australia
University College London, UK
University of California, Berkeley, USA
University of Toronto, Canada

This Memorandum of Understanding (hereafter referred to as “MOU”) on the International Engineering Science Consortium between Applied Science and Technology Graduate Group, College of Engineering, University of California, Berkeley, USA; Cornell University, USA, for and on behalf of its School of Applied and Engineering Physics, College of Engineering; Division of Engineering Science, Faculty of Applied Science and Engineering, University of Toronto, Canada; Engineering Science Programme, College of Design and Engineering, National University of Singapore, Singapore; Graduate School of Engineering Science/School of Engineering Science, Osaka University, Japan; Engineering Science Program, Faculty of Engineering, Architecture and Information Technology, The University of Queensland, Australia; Department of Engineering Science, Faculty of Engineering, The University of Auckland, New Zealand; School of Engineering Sciences, KTH Royal Institute of Technology, Sweden; and Faculty of Engineering Sciences, University College London, UK shall be implemented as follows:

Preamble

For the avoidance of doubt, and notwithstanding anything herein to the contrary, this MOU is (i) for aspirational, illustrative, and informational purposes only, (ii) shall be deemed non-binding and unenforceable in nature, and (iii) shall not create any contractual rights, obligations, duties, or liabilities for or against either party hereto.

Article 1

The International Engineering Science Consortium consists of institutions for education and academic research on engineering science. In the consortium the engineering science is considered as follows:

- (1) an interdisciplinary field between science and engineering/technology, bridging the gap between scientific theory and engineering application
- (2) multidisciplinary fields emphasizing integration of multiple application of mathematical, scientific, engineering and arts principles

Article 2

The consortium is created for improvement of the presence of engineering science by:

- (1) promoting engineering science network partnership among scholars and academic communities
- (2) providing opportunities for discussions on the intellectual and applied aspects of engineering science and application of these to the global mission of engineering science
- (3) stimulating educational programmes in studies on engineering science in the institutions

- (4) enhancing joint academic research projects on engineering science in the institutions
- (5) promoting the field of engineering science by means of a web page of the consortium including advertisement of its activities

Article 3

Activities undertaken to enhance engineering science in line with the intentions expressed in Articles 1 and 2 shall include one or more of the following:

- (1) Student engagement in engineering science topics across two or more institutions, acknowledging that exchange of undergraduate and graduate students, if undertaken, shall be subject to a separate agreement
- (2) Exchange of information and materials between the members of the consortium in engineering science
- (3) Encouragement of Exchange of researchers to explore engineering science issues

Article 4

This MOU is for the purpose of facilitating the exploration of all matters of intellectual and applied importance in relation to engineering science and conveys no substance in relation to policies pertaining to International Cooperation at any of the participating institutions. Each academic member of the consortium shall ensure that any obligations that may be required of them by their own Institution in relation to their participation in the Consortium shall be met. Participants in any activity under this MOU shall be selected on the basis of merit without regard to race, national or ethnic origin, colour, religion, age, sex, sexual orientation, marital status, sensory or physical disability. Participating institutions shall each accept the participants selected by the other party if mutually acceptable academic and/or professional qualifications and standards are met. All participants shall be treated in the same non-discriminatory manner in carrying out the provisions of the MOU.

Article 5

Specific matters pertaining to the implementation of the actions depending on this MOU shall be negotiated and agreed upon between the institutions concerned in each specific case and shall be stipulated in writing as agreements or memoranda complementary to this agreement and shall adhere to the requirements stated in Article 4.

Article 6

This MOU shall become effective on the date of its signing by the representatives of all institutions and shall be in force for five years.

Article 7

A regular meeting of all institutions shall be convened every two years to

- (1) discuss and reflect on advances in the field of engineering sciences and
- (2) determine the key orientations of the consortium. An extraordinary meeting may be held as needed if a majority of Members of the consortium agree.

Article 8

The members of the Consortium shall elect a Chair of the Consortium, who shall normally serve in this role for 2 years.

Article 9

By mutual agreement of the Consortium members, one Member of the Consortium shall act as the Consortium Secretariat, and shall administer the Consortium-level activities such as the biennial Consortium Meetings.

Article 10

The consortium may be enlarged to include new institutions engaged in education and academic research on engineering science and must be approved by all institutions.

Article 11

This MOU is subject to revisions by mutual written consent.

Article 12

Any institution may withdraw from this MOU by not less than six months' prior written notice to the other institutions of its desire to terminate. However, the termination of this MOU shall not affect the implementation of the collaborative activities established under it prior to such termination.

Article 13

In the absence of any such early termination, the renewal of this MOU shall be discussed by all institutions no less than six months prior to the natural termination of the current MOU.

Article 14

This MOU is to be executed in English and each institution shall retain a copy.

Lynden Archer

Date: 04/25/2022

Lynden A. Archer

Joseph Silbert Dean of Engineering

James A. Friend Family Distinguished Professor of Engineering

Cornell University

Sandra Di Rocco

Date: 9/12/2022

Sandra Di Rocco

Head of School

School of Engineering Sciences

KTH Royal Institute of Technology, Sweden

Martin Lindsay Buist

Date: 27/4/2022

Martin Lindsay Buist

Vice Dean (Undergraduate Programmes)

College of Design and Engineering

National University of Singapore

Shigeo Wada

Date: May 12, 2022

Shigeo Wada

Dean

Graduate School of Engineering Science/School of Engineering Science

Osaka University

Piara Kelly

Date: March 16, 2022

Piara Kelly

Head of Department

Department of Engineering Science

The University of Auckland, New Zealand

Rongyu Li

Date: 6 June 2022

Rongyu Li

Vice-President (Global Engagement)

The University of Queensland



Date: 30/03/2022

Jose Torero
Professor and Head of
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Date: 3/14/2022

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Date: APRIL 20, 2022

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