

### Introduction

With the celebration of the 50th anniversary of the foundation of the World Federation of Engineering Organizations (WFEO), UNESCO adopted World Engineering Day on March 4 as the World Day with the aim of increasing public awareness of the activities of engineers and contributing to the promotion of the SDGs last year. In response, commemorative events would be held around the world.

The Japan Federation of Engineering Societies (JFES) will hold a celebrative symposium on March 4 under the patronage of the Science Council of Japan (SCJ), the Japan Academy of Engineering (JAE) and the related societies. In the symposium, JFES will explore various possibilities for the future of engineering and engineers who will contribute to the development of sustainable, diverse and inclusive society. In each session, a short speech by the panelists will be held, followed by a dialogue exchange on each theme. The aim is to discuss the future of engineering not only with engineering experts, but also with people in a variety of fields.

WFEO is the international organization for the engineering profession, that founded in 1968 under the auspices of UNESCO and its head quarter is located in UNESCO building in Paris.

### Date: March 4th, 2021

The symposium will be held by Zoom

### Opening Remarks & Greetings 13:00 p.m. – 13:30 p.m.

Kikuo Kishimoto, Pres. of JFES

Michinari Hamaguchi, Chairperson of Japanese National Commission for UNESCO,  
Pres. of Japan Science and Technology Agency

Kenichi Tukahara, Chair of SCJ WFEO committee, Prof. of Kyushu University

Masashi Kamon, Dupty Pres. of The Engineering Academy of Japan

### Part 1: Roles of Engineers and Future 13:30 p.m. – 15:00 p.m.

Moderator: Masahito Takagi, Board Director of JFES, Vice-Pres. of Council on CPD

Panelists: Kazuhiro Terai, Pres. of The Institution of Professional Engineers, Japan,  
Director, Executive Vice President, CTI Engineering Co.,Ltd.

Misato Hattori, External Relation Manager,  
NEC Corporation Cross Industry Planning Division

Daisuke BABA, Industry-University Collaboration Officer  
Ministry of Economy, Trade and Industry

Makoto Yamamoto, Prof. of Tokyo University of Science,  
Department of Mechanical Engineering

Kazuo Yano, Fellow, Hitachi, Ltd.

Break 15:00p.m.-15:20p.m

### Part 2: Future of Engineering 15:20p.m.-16:50p.m

Moderator: Toru Sato, Board Director of JFES

Panelists: Yo Sasaki, Prof. of Waseda University, Council member of Science Council of Japan  
Akira Sudo, Managing Director of COCN, Vice-Pres. of JFES

Hiroshi Nagano, Life Fellow and Advisor, The Engineering Academy of Japan,  
Visiting Researcher, National Graduate Institute for Policy Studies

Yutaka Matsuo, Pres. of Japan Deep Learning Association, Prof. of University of Tokyo

Masako Yoneda, Prof., Dr.Env., Council member of Science Council of Japan,  
Pres. of Japan Academic Network for Disaster Reduction

### Closing Remarks 16:50p.m. – 17:00 p.m.

Toshimitsu Komatsu, Vice-Pres. of JFES

**Organizer:** The Japan Federation of Engineering Societies (JFES)

**Co-Organizers:**

Members, Organization members and Support members of JFES as below;  
Japan Society for Safety Engineering, Institute of Image Information and Television Engineers, Society of Chemical Engineers, Japan, Visualization Society of Japan, The Resources Processing Society of Japan, Society of Environmental Instrumentation Control and Automation, Japan Institute of Light Metals, Society of Instrument and Control Engineers, Society of Polymer Science, Japan, Japan Institute of Aggregate Technology, Japan Society of Color Material, Mining and Materials Processing Institute of Japan, Institute of Systems, Control and Information Engineers, Japanese Geotechnical Society, Illuminating Engineering Institute of Japan, Japan Society for Precision Engineering, Japan Petroleum Institute, Society of Fiber Science and Technology, Japan, Turbomachinery Society of Japan, Electrochemical Society of Japan, Institute of Electrical Engineers of Japan, Institute of Electrical Installation Engineers of Japan, Institute of Electronics Information and Communication Engineers, Japan Society of Civil Engineers, Japan Society for Abrasive Technology, Japan Institute of Energy, Japan Society of Engineering Geology, Acoustical Society of Japan, Japan Association for Fire Science and Engineering, Gas Turbine Society of Japan, Japan Society of Mechanical Engineers, Japan Institute of Metals, Japan Industrial Management Association, Atomic Energy Society of Japan, Architectural Institute of Japan, Japanese Society of Microscopy, High Pressure Institute of JAPAN, Japanese Society for Engineering Education, Japan Society for Aeronautical and Space Sciences, Society of Rubber Industry, Japan, Japan Concrete Institute, Society of Materials Science, Japan, Magnetics Society of Japan, Japan Society for Simulation Technology, Society for Biotechnology ,Japan, Adhesion Society of Japan, Society of Plant Engineers Japan, Society of Materials Engineering for Resources of JAPAN, Japan Society for Technology of Plasticity, Japan Foundry Engineering Society, Japanese Society of Tribologists, Combustion Society of Japan, Japanese Society for Non-Destructive Inspection, The Japan Society of Vacuum and Surface Science, Japan Fluid Power System Society, Japan Society of Refrigerating and Air Conditioning Engineers, Society of Rheology, Japan, Robotics Society of Japan, Japan Society of Corrosion Engineering, Japan Society of Powder and Powder Metallurgy, Laser Society of Japan, Japan Academic Association for Copyright Clearance, Japan Accreditation Board for Engineering Education, The Institute of Professional Engineers, Japan, Eight-University Engineering Association, TOSHIBA CORPORATION, Hitachi, Ltd., Japan Society of Kansei Engineering, The Spectroscopical Society of Japan, Human Interface Society.

**Patronage Organizations:**

