



Announcing a special lecture series to commemorate the 90th anniversary of Osaka University and 100th anniversary of Osaka University of Foreign Studies.

Day 1

Osaka University 90th and Osaka University of Foreign Studies 100th Anniversary Event

Day 2-4

Featured Lectures by OU Distinguished Professors*



Hiroshi ISHIGURO

(Web Information) <https://eng.irl.sys.es.osaka-u.ac.jp/home>



Toshio YANAGIDA

(Web Information) <https://cinet.jp/english/director-of-cinet/>



Takuo DOME

(Web Information) <https://www.ssi.osaka-u.ac.jp/en/>

Day 5-7

Eleven Thematic Lecture Streams (3 lectures per stream)*

Day 8

Student Discussion Session

*Lectures vary by course stream

Program	All lectures are offered online to undergraduate and graduate students at Osaka University partner universities. A transcript and certificate will be issued upon successful completion of the program. While most courses will be streamed real time, videos on demand will be available for viewing to account for time differences. Students may <u>only choose one</u> of 11 courses to complete.
Program period	The entire program will be delivered between May and July 2021. Each lecture is ninety minutes long.
Program fee	Free of charge. 1 credit.

Applications should be submitted to the exchange coordinator of your home university.



Chemical Approaches for Sustainable Development Goals (SDGs)



World Leading Researchers



Engineering

2021/5 Lecture (1)

Osaka University 90th and Osaka University of Foreign Studies 100th Anniversary Event

2021/5/10 Lecture (2) 16:50-18:20

Interactive robots and our future society

Distinguished Prof.

2021/5 Lecture (3)

A cyber world connecting the heart-to-heart created by brain information

Distinguished Prof.

2021/5 Lecture (4)

Aiming for a sustainable society rooted in sympathy from the viewpoint of economic thoughts

Distinguished Prof.

2021/6 Lecture (5)

Nanometal Catalyst: A Modern Alchemy

Prof.

2021/6 Lecture (6)

Molecular Catalysts for Artificial Photosynthesis

Distinguished Prof.

2021/6 Lecture (7)

Bioplastics

Prof.

2021/6 Lecture (8)

Discussion

Prof.

(Web Information)

OU: osakau.ac.jp/en/

EN eng.osakau.ac.jp/en/

*This lecture will also be streamed live



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2021/5

Lecture (1)

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2021/5

Lecture (2) 8:30-20:00

A

9P

Live*/ On demand

9

Associate Prof Yoshinori SUMIMURA

2021/5

Lecture (3) 8:30-20:00

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9P

Live*/ On demand

9P

Distinguished Prof Takuo DOME

2021/6

Lecture (5) 8:30-20:00

9P
9P
9P

Live*/ On demand

Associate Prof Yoshinori SUMIMURA

2021/6

Lecture (6) 8:30-20:00

9P

Live*/ On demand

9P

Associate Prof Yoshinori SUMIMURA, Specially Appointed Prof Masahiro TAWA

2021/6

Lecture (7) 8:30-20:00

Ca

9P

Live*/ On demand

Associate Prof Yoshinori SUMIMURA, Specially Appointed Prof Quamrul HASAN

2021/6

Lecture (8) 8:30-20:00

9P

9P

Live*/ On demand

All Professors

(Web Information)

OU: osakau.ac.jp/en/

Gt ccc.osakau.ac.jp/cgin/en

*This lecture will also be streamed live

Aligning the Sustainable Development Goals and Climate Science

by

World Leading Researchers

by

Co* Design

2021/5 Lecture (1)

Osaka University 90th and Osaka University of Foreign Studies 100th Anniversary Event

2021/5/10 Lecture (2) 16:50-18:20

Interactive robots and our future society

Distinguished Prof.

2021/5 Lecture (3)

A cyber world connecting the heart-to-heart created by brain information

Distinguished Prof.

2021/5 Lecture (4)

Aiming for a sustainable society rooted in sympathy from the viewpoint of economic thoughts

Distinguished Prof.

2021/6 Lecture (5) 18:30-20:00

Understanding Accelerated Decarbonisation of the Economy: Role of the SDGs

Specially Appointed Prof.

2021/6 Lecture (6) 18:30-20:00

Climate Science in the Context of the SDGs: What to expect in the next decade?

Univ. College London Prof.

2021/6 Lecture (7) 18:30-20:00

Net-Zero Carbon Energy Transition in the Context of SDG7: What can we achieve in the next years?

Univ. of Groningen Prof.

2021/6 Lecture (8) 18:30-20:00

Group Discussions

Specially Appointed Prof.

(Web Information)

OU: osakau.ac.jp/en/

CSCD cscd.osakau.ac.jp/co/english

*This lecture will also be streamed live

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Quantum Information Science

[Formore information](#)

Lectures by **World Leading Researchers**
of the **School of Engineering Science**

2021/5 Lecture (1)

Osaka University 90th and Osaka University of
Foreign Studies 100th Anniversary Event

2021/5/10 Lecture (2) 6:50-18:20

Interactive robots and our future society
Distinguished Prof.



2021/5 Lecture (3)

A cyber world connecting the heart-to-heart
created by brain information

Distinguished Prof.



2021/5 Lecture (4)

Aiming for a sustainable society rooted in sympathy
from the viewpoint of economic thoughts

Distinguished Prof.



2021/6/22 Lecture (5) 6:50-18:20

Invitation to Quantum Information
Prof.

Quantum Sensing

Prof.



2021/6/29 Lecture (6) 6:50-18:20

Quantum Computing

Prof.



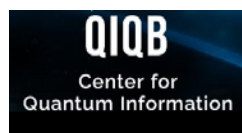
2021/7/6 Lecture (7) 6:50-18:20

Quantum Cryptography and Quantum Network
Prof.



2021/7/13 Lecture (8) 6:50-18:20

QIS-ES for SDGs Discussion
Assistant Prof.



(Web Information)

OU: osakau.ac.jp/en/

QIQB: qiqb.otri.osakau.ac.jp/en/

ES es.osakau.ac.jp/en/

*This lecture will also be streamed li

Science and Society in Nanoscience and Nanotechnology as Manufacturing Core

Lectures by World Leading Researchers
of the Institute for NanoScience Design



Interactive robots and our future society
Distinguished Prof.



2021/5 Lecture (3)
A cyber world connecting the heart-to-heart
created by brain information
Distinguished Prof.



2021/5 Lecture (4)
Aiming for a sustainable society rooted in sympathy
from the viewpoint of economic thoughts
Distinguished Prof.



2021/6 Lecture (5) 16:50-18:20
Photoscience in nanoscience and nanoengineering
Specially Appointed Prof.



2021/6 Lecture (6) 16:50-18:20
Visualization of chemical reaction process caused
by solid nano-catalyst
Specially Appointed Prof.



2021/6 Lecture (7) 16:50-18:20
Sensors and actuators with micro/nano solid
structure
Guest Prof.



2021/7 Lecture (8) 16:50-18:20
Student Discussion Prof.



(Web Information)
OU: osaka-u.ac.jp/en/
Nano: insd.osaka-u.ac.jp/index_e.html

Advanced Biotechnology and Technology

Lectures by World Leading Researchers
of the International Center for Biotechnology

2021/5 Lecture (1)

Osaka University 90th and Osaka University of
Foreign Studies 100th Anniversary Event



2021/5 Lecture (2) 18:30-20:00
Fermentation technology in Japan
Prof.



2021/5 Lecture (3) 18:30-20:00
Successful Research Outputs from Academia-Industry
Partnership Specially Appointed Prof.

2021/5 Lecture (4)
Aiming for a sustainable society rooted in sympathy
from the viewpoint of economic thoughts
Distinguished Prof.



2021/6 Lecture (5) 18:30-20:00
Crop development by genome editing
Prof.



2021/6 Lecture (6) 18:30-20:00
Singularity created by fluorescent/bioluminescent
protein technologies
Distinguished Prof.



2021/7 Lecture (7) 18:30-20:00
Imaging mass-spectrometry
Associate Prof.



2021/7 Lecture (8) 18:30-20:00
Discussion on strategies for co-creation and co-operation of
BIO-circular society Prof. Prof.

UNESCO Chair in Global Health and Education

Lectures by World Leading Researchers
of the School of Human Sciences



2021/5 Lecture (1) [Redacted]
Osaka University 90th and Osaka University of
Foreign Studies 100th Anniversary Event

2021/5/10 Lecture (2) 16:50-18:20 [Redacted]
Interactive robots and our future society
Distinguished Prof.

2021/5 Lecture (3) [Redacted]
A cyber world connecting the heart-to-heart
created by brain information
Distinguished Prof.

2021/5 Lecture (4) [Redacted]
Aiming for a sustainable society rooted in sympathy
from the viewpoint of economic thoughts
Distinguished Prof.



2021/6 Lecture (5) [Redacted]
Introduction of OU UNESCO Chair in Global Health
and Education
Prof.
Assistant Prof.



2021/6 Lecture (6) [Redacted]
AI Health Care and Stakeholder Involvement
Prof. Doctoral Stu.



2021/6 Lecture (7) [Redacted]
Planetary Health and Ageing

Associate Prof.

Associate Prof.



2021/6 Lecture (8) [Redacted]
Discussion
Prof.

(Web Information)

OU: osaka-u.ac.jp/en/

HUS: hus.osaka-u.ac.jp/en

Digital Transformation (DX) and Modern Society

Lectures by World Leading Researchers
of the School of Law

2021/5 Lecture (1)

Osaka University 90th and Osaka University of
Foreign Studies 100th Anniversary Event

2021/5/10 Lecture (2) 16:50-18:20

Interactive robots and our future society

Distinguished Prof.



2021/5 Lecture (3)

A cyber world connecting the heart-to-heart
created by brain information

Distinguished Prof.

2021/5 Lecture (4)

Aiming for a sustainable society rooted in sympathy
from the viewpoint of economic thoughts

Distinguished Prof.



2021/6 Lecture (5)

Platform competition (introduction)

(in Japanese) Distinguished Prof.



2021/6 Lecture (6)

Platform competition (Law)

(in Japanese)

Prof.



2021/6 Lecture (7)

Intellectual Property Law

(in Japanese)

Prof.



2021/6 Lecture (8)

Discussion (in Japanese)

Prof.

*JLPT N2 or equivalent required



(Web Information)

OU : osaka-u.ac.jp/en/

LAW: law.osaka-u.ac.jp/en/

*This lecture will also be streamed live.

Halal Science

Lectures by **World Leading Researchers**
of the Center for **Global Initiatives**

2021/5 Lecture (1)
Osaka University 90th and Osaka University of
Foreign Studies 100th Anniversary Event



2021/5 Lecture (2) 18:30-20:00
Halal Science and Technology
Specially Appointed Prof.



2021/5 Lecture (3) 18:30-20:00
Application of science and technology to Halal
Specially Appointed Prof.

2021/5 Lecture (4)
Aiming for a sustainable society rooted in sympathy
from the viewpoint of economic thoughts
Distinguished Prof.

2021/6 Lecture (5) 18:30-20:00
Halal and Society
Associate Prof.



2021/6 Lecture (6) 18:30-20:00
Halal industry
Specially Appointed Prof.

2021/6 Lecture (7) 18:30-20:00
Halal and Career

Associate Prof.

Specially Appointed Prof.

2021/6 Lecture (8) 18:30-20:00
Discussion & Introduction w/int'l students

(Web Information)

OU: osaka-u.ac.jp/en/

GI: ccc.osaka-u.ac.jp/cgin/en

*This lecture will also be streamed live

Medical Science

Lectures by **World Leading Researchers**
of the Faculty of **Medicine**

2021/5 Lecture (1)

Osaka University 90th and Osaka University of
Foreign Studies 100th Anniversary Event

2021/5/10 Lecture (2) 16:50-18:20

Interactive robots and our future society
Distinguished Prof.

2021/5 Lecture (3)

A cyber world connecting the heart-to-heart
created by brain information
Distinguished Prof.



2021/5 Lecture (4)

Aiming for a sustainable society rooted in sympathy
from the viewpoint of economic thoughts
Distinguished Prof.



2021/6 Lecture (5)

Public Health (tentative)

Prof.



2021/6 Lecture (6)

Immunology (tentative)

Distinguished Prof.



2021/6 Lecture (7)

Diagnostic Pathology

Prof.



2021/7 Lecture (8)

Discussion

Prof.



Graduate School of Medicine
Faculty of Medicine, Osaka University

(Web Information)

OU: osaka-u.ac.jp/en/

MED: med.osaka-u.ac.jp/eng/

*This lecture will also be streamed live.