



ISE FENIX PROJECT
**International Urban
Planning Workshop**

2025 March 4th – 8th (3rd – 9th)

Technical University of Liberec (TUL), Czech Republic
Academy of Fine Arts in Prague (AVU), Czech Republic
Meijo University Nagoya (MUN), Japan

PROGRAMME

Monday March 3rd

- Individual arrival to Ise before lunch

12:00 – 13:00 (location – ISE CREATER's GARAGE)

- baggage drop-off at ISE CREATER's GARAGE
(for registered students: Mr. Gouki Yamamoto)

13:00 – 18:00

- Individual or group visit of Naiku & Geku shrines
- Group visit of Sengukan museum, Shoninkan Kawasaki museum with guide
(time will be announced later)

18:00 – 20:00 (location – city/ISE CREATER's GARAGE)

- independent dinner in the city
- accommodation at ISE CREATER's GARAGE

20:00 (location – ISE CREATER's GARAGE)

- welcome meeting and explanation of the programme and topic
- lecture Participatory Planning: Community First Toolkit – Yukiko Iida

Tuesday March 4th

09:00 – 10:30 (location – ISE CREATER's GARAGE)

- kick off explanation of the method, workflow and expected outcome
Zdeňka Němcová Zedníčková
- divide students into groups, assign the parts of the city to explore

10:30 – 13:00 (location – city)

- in groups walk the city assigned part with the map, understand the structure and its hierarchy
- in groups draw into blank map knowledge gained from walking the city
- independent lunch time in the city

14:00 – 15:30 (location – ISE CREATER's GARAGE)

- lecture Art and artificial intelligence, introduction to A°D°A virtual futurologist software – Jana Bernartová
- AI consultation time with A°D°A virtual futurologist software
- independent coffee time

16:00 – 17:30 (location – ISE CREATER's GARAGE)

- HUMAN consultation time – present and discuss with other groups the information gained from the discussion with A°D°A AI – make a critical reflection of AI gained information – online consultants Carlo Biraghi and Maciej Lasocki
- independent dinner in the city

19:00 – 20:00 (location – ISE CREATER's GARAGE)

- online lectures – 19:00 Dušana Dokupilová and 19:30 Kateřina Sidiropulu Janků (each 20 minutes)

Wednesday March 5th

09:00 – 12:00 (location – city)

- walk the city assigned area
- discuss with local residents, stakeholders, tourists
- independent lunch time in the city

13:00 – 15:30 (location – ISE CREATER's GARAGE)

- AI consultation time – with A°D°A virtual futurologist software
- independent coffee time

16:00 – 17:30 (location – ISE CREATER's GARAGE)

- HUMAN consultation time – present and discuss with other groups – online consultants Kateřina Sidiropulu Janků, Carlo Biraghi and Maciej Lasocki
- independent dinner in the city

19:00 – 20:00 (location – ISE CREATER's GARAGE)

- online lectures – 19:00 Monika Mitášová and 19:30 Rufino Castillo Molina (each 20 minutes)

Thursday March 6th

09:00 – 12:00 (location – ISE CREATER's GARAGE)

- AI consultation time – A°D°A virtual futurologist software
- design time
- independent lunch time in the city

13:00 – 15:00 (location – ISE CREATER's GARAGE)

- HUMAN consultation time – present and discuss with other groups
- independent coffee time

15:30 – 17:30 (location – ISE CREATER’s GARAGE)

- meet and present your ideas to local PARTICIPANTS
- independent dinner in the city

19:00 – 20:00 (location – ISE CREATER’s GARAGE)

- online lectures – 19:00 Carlo Biragi and 19:30 Marie Pourghasem Omandani (each 20 minutes)

Friday March 7th

09:00 – 11:00 (location – ISE CREATER’s GARAGE)

- HUMAN consultations

11:00 – 13:00 (location – city)

- visit the locations to take a photos for visualisations
- independent lunch time in the city

14:00 – 16:00 (location – ISE CREATER’s GARAGE)

- individual time to design
- independent coffee time

16:30 – 17:30 (location – ISE CREATER’s GARAGE)

- HUMAN consultation time – online consultants Carlo Biraghi and Maciej Lasocki
- independent dinner in the city

19:00 – 20:00 (location – ISE CREATER’s GARAGE)

- AI visualisation time

Saturday March 8th

09:00 – 15:00 (location – ISE CREATER’s GARAGE)

- create a final presentation of your proposal
- independent lunch time in the city or in ISE CREATER’s GARAGE
- create all proposal presentations – Ise FENIX PROJECT presentation for the City hall/Municipality
- independent coffee time

16:00 – 18:00 (location – ISE CREATER’s GARAGE)

- FINAL presentation of Ise FENIX PROJECT to municipality and local citizens
- discussion with local citizens and online participants

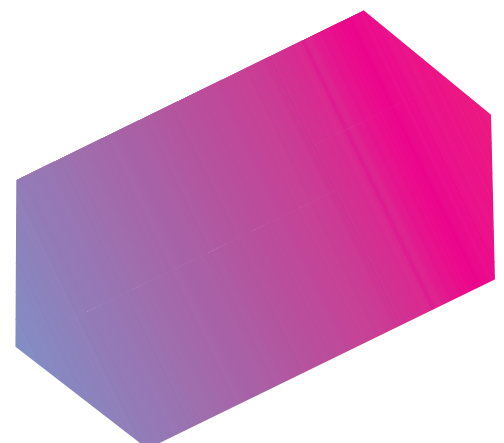
20:00 – 00:00 (location – city/ISE CREATER’s GARAGE)

- goodbye dinner/party

Sunday March 9th

10:00 – 12:00

- individual departure from ISE CREATER’s GARAGE



LIST OF WORKSHOP TUTORS AND EXPERTS FOR LECTURES AND CONSULTATIONS

On spot

Assoc. Prof. MgA. Zdeňka Němcová Zedníčková, Ph.D.

Faculty of Mechatronics, Informatics and Interdisciplinary Studies,
Technical University of Liberec, CZ

MgA. Jana Bernartová, Ph.D.

Academy of Fine Arts in Prague, Czech Republic

Assoc. Prof. Makoto Tanida

Meijo University Nagoya, Japan

Arch. Yukiko Iida

Meijo University Nagoya, Japan

Gouki Yamamoto

Meijo University Nagoya, Japan

Online

Prof. Ing. arch. Monika Mitášová, Ph.D.

Academy of Fine Arts and Design in Bratislava, Slovakia

Arch. Carlo Andrea Biraghi, Ph.D.

ABC Department, Politecnico di Milano, Italy

Dr hab. Ing. Arch. Maciej Lasocki

Faculty of Architecture, Warsaw University of Technology, Poland

Mgr. Kateřina Sidiropulu Janků, Ph.D. et Ph.D.

Institute for Applied Research on Ageing, Faculty of Engineering and IT,
Carinthia University of Applied Sciences, Austria

RNDr. Dušana Dokupilová, PhD.

Institute for Forecasting, CSPS, Slovak Academy of Sciences, Slovakia

Arch. Juan Rufino Castillo Molina, Dr. Eng.

Universidad Nacional Pedro Henríquez Ureña (UNPHU) Santo Domingo, Dominican
Republic

MSc. Marie Pourghasem Omandani

Technical University of Liberec, Czech Republic



CERTIFICATE OF PARTICIPATION

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Meijo University Nagoya (MUN), Japan

In Ise March 9th 2025

Assoc. Prof. MgA. Zdeňka Němcová
Zedníčková, Ph.D. (TUL)

MgA. Jana Bernartová, Ph.D. (AVU)

Assoc. Prof. Makoto Tanida (MUN)



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Technical University of Liberec (TUL), Czech Republic
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Meijo University Nagoya (MUN), Japan

Japan has a unique tradition of Shikinen Sengu – rebuilding the Ise shrine every 20 years since year 690, which is so attractive concept for architects all around the world as a great example of sustainable practise. The international workshop is connected to the start of its 63rd rebuilding in March 2025.

There are many tourists around the Shrine areas, but the central part of Ise isn't attracting much attention. So, together with the shrine's being reborn let's design the small urban interventions for Ise city's rebirth as well. Workshops intention is to open the discussion about quality of public space, local identity, historical values and traditional skills, climate change effects in urban space, importance of Nature Based Solutions, sustainability and participative approaches, engage with local community, discuss how to rise bottom up projects. Learn how to incorporate AI into your design process and how to evaluate the quality of its outcomes. We will test a pilot version of the A⁰D⁰A virtual futurologist software.

Workshops outcome is small Urban Design interventions promoting walkable city and active public space.



We are looking forward your participation at the workshop in Ise or you are welcome to join online lectures by international and multidisciplinary team of experts.

WORKSHOP TUTORS

Assoc. Prof. MgA. Zdeňka Němcová Zedníčková, Ph.D.

Faculty of Mechatronics, Informatics and Interdisciplinary Studies, Technical University of Liberec, Czech Republic

MgA. Jana Bernartová, Ph.D.

Academy of Fine Arts in Prague, Czech Republic

Assoc. Prof. Makoto Tanida

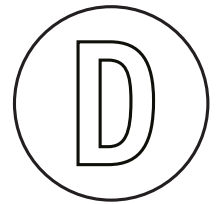
Meijo University Nagoya, Japan

Arch. Yukiko Iida

Meijo University Nagoya, Japan

Dr hab. Ing. Arch. Maciej Lasocki

Faculty of Architecture, Warsaw University of Technology, Poland



ONLINE LECTURES AND CONSULTATIONS

Prof. Ing. arch. Monika Mitášová, Ph.D.

Academy of Fine Arts and Design, Bratislava, Slovakia

How to critically evaluate AI outputs

Arch. Carlo Andrea Biraghi, Ph.D.

ABC Department, Politecnico di Milano, Italy

Walkability and Urban design

Mgr. Kateřina Sidiropulu Janků, Ph.D. et Ph.D.

Institute for Applied Research on Ageing, Faculty of Engineering and IT, Carinthia University of Applied Sciences, Austria

Participatory approaches in Urban Planning

RNDr. Dušana Dokupilová, PhD.

Institute for Forecasting, CSPS, Slovak Academy of Sciences, Slovakia

Climate change effects in Urban space

Arch. Juan Rufino Castillo Molina, Dr. Eng.

Universidad Nacional Pedro Henríquez Ureña (UNPHU) Santo Domingo, Dominican Republic

Understanding cultural roots in globalized world

MSc. Marie Pourghasem Omandani

Technical University of Liberec, Czech Republic

Nature Based Solution for cities adaptability



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ONLINE LECTURES AND CONSULTATIONS

Tuesday March 4th

19:00 RNDr. Dušana Dokupilová, PhD.
Institute for Forecasting, CSPS,
Slovak Academy of Sciences, Slovakia
Climate change effects in Urban space



19:30 Mgr. Kateřina Sidiropulu Janků, Ph.D. et Ph.D.
Institute for Applied Research on Ageing,
Faculty of Engineering and IT, Carinthia
University of Applied Sciences, Austria
Participatory approaches in Urban Planning



Wednesday March 5th

19:00 Prof. Ing. arch. Monika Mitášová, Ph.D.
Academy of Fine Arts and Design,
Bratislava, Slovakia
How to critically evaluate AI outputs

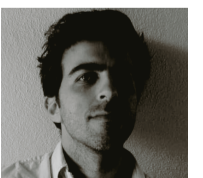


19:30 Arch. Juan Rufino Castillo Molina, Dr. Eng.
Universidad Nacional Pedro Henríquez Ureña
(UNPHU) Santo Domingo, Dominican Republic
Understanding cultural roots in globalized world



Thursday March 6th

19:00 Arch. Carlo Andrea Biraghi, Ph.D.
ABC Department, Politecnico di Milano, Italy
Walkability and Urban design



19:30 MSc. Marie Pourghasem Omandani
Technical University of Liberec, Czech Republic
Nature Based Solution for cities adaptability



WORKSHOP TUTORS



Assoc. Prof. MgA. Zdeňka Němcová Zedníčková, Ph.D.
Faculty of Mechatronics, Informatics and
Interdisciplinary Studies, Technical University
of Liberec, Czech Republic

MgA. Jana Bernartová, Ph.D.
Academy of Fine Arts in Prague, Czech Republic

Assoc. Prof. Makoto Tanida
Meijo University Nagoya, Japan

Arch. Yukiko Iida
Meijo University Nagoya, Japan

Dr hab. Ing. Arch. Maciej Lasocki
Faculty of Architecture, Warsaw University
of Technology, Poland

Workshop is organised by Gouki Yamamoto
Meijo University Nagoya, Japan



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Ise Shrine is the most important Shinto shrine in Japan. According to Shinto tradition, the shrine's main buildings are rebuilt every 20 years according to precise plans and original traditional technology. The current buildings were completed in 2013. The next, the 63rd copy of the shrine is expected to be completed in 2033. The physical construction of the temple takes eight years and will therefore begin in 2025. For this the Yamaguchi Matsuri event will be held on March 2025.

The local community of Ise citizens would like to connect this date with the initiation of the revitalization of the city, especially its public spaces. This participative collaboration is made possible by the local connection to Meijo University Nagoya, with which Technical University of Liberec has regularly collaborated on joint architectural workshops since 2016. The international student urban and scenario planning workshop should not only bring an urban vision and architectural proposals and solutions to public spaces, but also open a discussion over the proposals to this topic across the local community and municipality.

The workshop will be focused on the use of NBS (nature-based solutions) in public space, to solve the increasingly topical problems with UHI (urban heat island),

from which, thanks to climate change, suffer today's urban residents not only in Japanese cities. And will consider the topic of promoting walkability by upgrading the quality of public spaces. This workshop would also be an opportunity to introduce and test with the students the use of the latest method of working on an urban planning project, which is recently being developed as part of the research project at Technical University of Liberec and Academy of Fine Arts in Prague. Specifically, it involves testing the working version of the forthcoming AI software, digital neural network Virtual futurologist A°D°A, which is combining the possibilities of AI (LLM – large language models) and the futurological method of scenario planning with urban structural planning.

From Japan, students of Prof. Makoto Tanida from MUN, then students of Ing Arch. Maciej Lasocki from Warsaw University of Technology, Poland and students related to Arch. Juan Rufino Castillo Molina, Dr. Eng. from UNPHU, Dominican Republic are expected to participate in the workshop, along with representatives of the local community in Ise. On behalf of the Czech side, project initiator and workshop leader Zdeňka Němcová Zedníčková (TUL) and AI project co-researcher Jana Bernartová (AVU) should participate together with four Czech students of Architecture.

WORKSHOP TUTORS

Assoc. Prof. MgA. Zdeňka Němcová Zedníčková, Ph.D.

Faculty of Mechatronics, Informatics and Interdisciplinary Studies, Technical University of Liberec, Czech Republic

MgA. Jana Bernartová, Ph.D.

Academy of Fine Arts in Prague, Czech Republic

Assoc. Prof. Makoto Tanida

Meijo University Nagoya, Japan

Arch. Yukiko Iida

Meijo University Nagoya, Japan

Dr hab. Ing. Arch. Maciej Lasocki

Faculty of Architecture, Warsaw University of Technology, Poland

ONLINE LECTURES AND CONSULTATIONS

Prof. Ing. arch. Monika Mitášová, PhD.

Academy of Fine Arts and Design in Bratislava, Slovakia

Her focus is on theory of architecture, art and design in relation to digital tools.

Arch. Juan Rufino Castillo Molina, Dr. Eng.

Universidad Nacional Pedro Henríquez Ureña (UNPHU) Santo Domingo, Dominican Republic

His focus is on architectural innovation aspects related to cultural roots and on architectural theory and design.

Arch. Carlo Andrea Biraghi, Ph.D.

ABC Department, Politecnico di Milano, Italy

His research topics are related to urban morphology and mathematics.

Currently investigating the issues of cities walkability.

Mgr. Kateřina Sidiropulu Janků, Ph.D. et Ph.D.

Institute for Applied Research on Ageing, Faculty of Engineering and IT, Carinthia

University of Applied Sciences, Austria

She is specialising in ethnographic sociology and PAR. Her recent work includes interdisciplinary research on the development of public open spaces, ageing and health.

RNDr. Dušana Dokupilová, PhD.

Institute for Forecasting, CSPS, Slovak Academy of Sciences, Slovakia

Futurologist dedicated to mathematical modelling and forecasting in economics, energy poverty, health, environment and climate neutrality.

MSc. Marie Pourghasem Omandani

Technical University of Liberec, Czech Republic

PhD candidate and landscape architect with research topic on resilience of the cities in climate change conditions, especially focused on use of NBS (nature-based solution).

Workshop is organised by Gouki Yamamoto and Yukiko Iida

Meijo University Nagoya, Japan

