

To whom it may concern:

We are pleased to invite you to an **international hybrid workshop** between the **Faculty of Civil and Geodetic Engineering of the University of Ljubljana and The IDEC Institute, Hiroshima University** (12th Special seminar on The IDEC Institute, 5th PHIS Seminar)

entitled:

"Interactions between physical parameters, chemical pollutants, and microbes in the built environment".

The workshop will take place on **9th January 2023**, starting at **8:00** (GMT+1, **16:00** JST), in the **Ceremonial Hall** of the **Faculty of Civil and Geodetic Engineering of the University of Ljubljana** (Jamova cesta 2, Ljubljana).

Program:

8:00-8:05 (16:00-16:05)	<i>Opening</i> Dr. Mateja Dovjak , Faculty of Civil and Geodetic Engineering of the University of Ljubljana Dr. So Fujiyoshi , PHIS, The IDEC Institute, Hiroshima University
8:05-8:20 (16:05-16:20)	<i>Welcome speech</i> Prof. Dr. Violeta Bokan Bosiljkov , Dean of the Faculty of Civil and Geodetic Engineering of the University of Ljubljana Prof. Dr. Saori Kashima , Director of the PHIS, The IDEC Institute of Hiroshima University
8:20-8:45 (16:20-16:45)	Prof. Dr. Fumito Maruyama , Microbial Genomics and Ecology Lab, The IDEC Institute, Hiroshima University <i>Invited lecture titled: An infectious disease in Japanese built environment.</i>
8:45-9:00 (16:45-17:00)	Li Yutong , Graduate School of Advanced Science and Engineering, Hiroshima University <i>Student presentation entitled: Improvement of indoor thermal environment with the insulation system evaluated by heat-flow sensor</i>
9:00-9:15 (17:00-17:15)	China Kuratomi , Graduate School of Advanced Science and Engineering, Hiroshima University <i>Student presentation entitled: The diagnosis method for neutralization of concrete using microbiome</i>
9:15-9:35 (17:15-17:35)	<i>Discussion</i> <i>Questions to speakers</i>
9:35-10:00	<i>Coffee break</i>

(17:35-18:00)	
10:00-10:25 (18:00-18:25)	Assoc. Prof. Dr. Janez Mulec , Research Centre of the Slovenian Academy of Sciences and Arts <i>Invited lecture titled: Health in natural karst environments</i>
10:25-10:40 (18:25-18:40)	Ožbej Vene , Faculty of Civil and Geodetic Engineering of the University of Ljubljana <i>Student presentation entitled: Ventilation efficiency based on carbon dioxide and radon concentration</i>
10:40-10:55 (18:40-18:55)	Tajda Božič , Faculty of Civil and Geodetic Engineering of the University of Ljubljana <i>Student presentation entitled: Can nanoparticles pass through the building envelope?</i>
10:55-11:25 (18:55-19:25)	<i>Discussion</i> <i>Questions to speakers</i>
11:25-12:00 (19:25-20:00)	<i>Closing Remarks</i> <i>Best student presentation award</i>

All interested participants are kindly requested to confirm their attendance by 20th December 2022 at this [link](https://forms.office.com/r/dCnrp1bycv) (<https://forms.office.com/r/dCnrp1bycv>). There is no registration fee.

Sincerely Yours,

Assoc. Prof. Dr. Mateja Dovjak, Faculty of Civil and Geodetic Engineering of the University of Ljubljana

Assist. Prof. Dr. So Fujiyoshi, PHIS, The IDEC Institute, Hiroshima University