

PDRG MEETING

JRPUG 2021



General Information

Date: October 21-22, 2021

Style: Virtual Event with Zoom

Fee: **FREE!!** (pre-registration required by Oct. 14)

Registration site: <https://ws.formzu.net/fgen/S6581410/>

Keynote

Kazuyuki Kubo (久保 和幸)

Director, Pavement and Tunnel Group, Public Works Research Institute
(国立研究開発法人 土木研究所 道路技術研究グループ, グループ長)

Title: ***Pavement in Japan -Past, Present and Future-***

Technical Session

Theme: ***Ideas for Pavement Diagnosis in the Future***

ProVAL Workshop

George Chang

Director of Research, The Transtec Group, Inc.

Title: **TBA**



JRPUG website

Conference web site: <http://pdr.org/workshop/jrpug2021>

For further information, please contact PDRG meeting secretary by email at pdr.org.jrpug@gmail.com

As of September 20, 2021

Agenda

October 21, 2021 (JST, UTC+9)

8:30 AM — 8:40 AM	Opening Session / President Speech
8:40 AM — 9:40 AM Keynote	Kazuyuki Kubo <i>Pavement in Japan -Past, Present and Future-</i>
9:40 AM — 9:50 AM	Coffee Break
9:50 AM — 10:50 AM Technical Session 1	<ul style="list-style-type: none"> ✓ Robert Otto Rasmussen: <i>Pavement Design and Construction at Automotive Test Tracks and Racetracks</i> ✓ Yafei Zhao , Yukihiro Kohata: <i>Deformation Characteristics of Artificial Lightweight Subbase Material on Cyclic Triaxial Test</i> ✓ Dang Quoc Thuyet, Masakazu Jomoto, Kazunari Hirakawa, and Yin Lei Lei Swe: <i>Development of an Autonomous Asphalt Pavement Damage Detection Program using a Deep Convolutional Neural Network</i>
10:50 AM — 11:00 AM	Coffee Break
11:00 AM — 12:00 PM Technical Session 2	<ul style="list-style-type: none"> ✓ Yumi Hyogo, Yamamoto Minoru: <i>Approach to Transversal Shape Measurement for Multilane with Light-Section Method and IMU</i> ✓ Kazuya Tomiyama, Yuki Yamaguchi, Kazushi Moriishi, and Yuki Kotani: <i>Application of Wavelet Transform to Three-dimensional Pavement Surface Analysis</i> ✓ Kenichiro Sasaki, Yuki Kotani, Kazuya Tomiyama, Yuki Yamaguchi, and Kazushi Moriishi: <i>Measurement Characteristics of Road Surface Profiles Based on Point Clouds Acquired with ICT Devices</i>
12:00 PM — 1:00 PM	Lunch
1:00 PM — 1:50 PM Sponser Presentation	TBA
1:50 PM — 2:00 PM	Coffee Break
2:00 PM — 3:00 PM Technical Session 3	<ul style="list-style-type: none"> ✓ Keizo Kamiya, Yuki Ota: <i>Life Cycle Analysis of Road Pavement utilizing NEXCO-PMS</i> ✓ Hodaka Okajima, Masakazu Jomoto, Pham Hoang Kien, Dang Quoc Thuyet, and Nguyen Thi Thu Ha: <i>Investigation of the current state of asphalt pavement in Hanoi, Vietnam using STAMPER</i> ✓ Marei Inagi, Kazuya Tomiyama, Ryo Kohama, Masayuki Eguchi, and Masakazu Sato: <i>Quantitative Evaluation of the Road Roughness on an Expressway based on the Continuous IRI and Heart Rate Variability</i>

October 22, 2021 (JST, UTC+9)

8:30 AM — 12:00 PM Workshop	ProVAL Workshop George Chang
12:00 PM — 12:30 PM	Closing Session / Chair Speech