

## Week 1 : July 24 to July 30

	<b>Monday</b> (July 24)	<b>Tuesday</b> (July 25)	<b>Wednesday</b> (July 26)	<b>Thursday</b> (July 27)	<b>Friday</b> (July 28)	<b>Sat.&amp; Sun.</b> (July 29-30)
<b>12:50 - 14:20</b>	<p><b>Opening Ceremony</b></p> <p><b>Prof. Yasunori Muto</b> (Dean of Science and Technology, Tokushima University Japan)</p> <p><b>Prof. Mikito Yasuzawa</b> (Director, CIREC, Tokushima University Japan)</p> <p><b>Orientation</b></p> <p><b>Dr. Pankaj Koinkar</b> (Tokushima University, Japan)</p>	<p><b>Panel Discussion:</b> “Cultural Diversity in Research and Education”</p>	<p><b>Lecture 3</b> Tokushima Local Culture</p> <p><b>Prof. Satoshi Hashimoto and Dr. Tran Hoang Nam</b> (Tokushima University, Japan)</p>	<p><b>Student conference I</b> Student presentation on the research topic</p>	<p><b>Group Discussion I</b> Choose the topic for the presentation and make outline</p>	Free time
<b>14:20 – 14:35</b>	<b>Break</b>					
<b>14:35 - 16:05</b>	<p><b>Lecture 1</b> Field Electron Emission: Fundamentals and Application</p> <p><b>Prof. M. A. More</b> (S.P. Pune University India)</p>	<p><b>Lecture 2</b> The Applications of Hyperspectral Images in Post-harvest Process of Fruits</p> <p><b>Prof. Nai-Shang Liou</b> (Southern Taiwan University of Science and Technology, Taiwan)</p>	<p><b>Lecture 4</b> Japanese Communication and Culture</p> <p><b>Dr. Hiroshi Sakata</b> (Tokushima University, Japan)</p>	<p><b>Student conference II</b> Student presentation on the research topic</p>	<p><b>Lecture 5</b> Empowering Object Detection in Various Industrial Applications</p> <p><b>Dr. Muhammad Noorazlan Shah Bin Zainudin</b> (Universiti Teknikal Malaysia Melaka, Malaysia)</p>	

## Week 2: July 31 to Aug. 6

	<b>Monday</b> (July 31)	<b>Tuesday</b> (Aug. 1)	<b>Wednesday</b> (Aug. 2)	<b>Thursday</b> (Aug. 3)	<b>Friday</b> (Aug. 4)	<b>Sat. &amp; Sun.</b> (Aug. 5-6)
<b>12:50 - 14:20</b>	<b>Lecture 6</b> Introduction to differential geometry in Science and Technology  <b>Dr. Yasumoto Masashi</b> (Tokushima University, Japan)	<b>Lecture 8</b> Improvement of Hygiene Environment in Poultry House by UV-LED Irradiation <b>and</b> Industrial use of plant lipids  <b>Prof. Tanaka Tomotsu and Dr. Mutsumi Aihara</b> (Tokushima University, Japan)	<b>Student Presentations I</b> Presentation on Culture, History, and Education	<b>Lecture 10</b> Nanoscale Designs and Nanomaterials for Display and Semiconductor Applications  <b>Dr. Meng-Lin Tsai</b> (National Taiwan University of Science and Technology, Taiwan)	<b>Virtual field trip I</b>	Free time
<b>14:20 – 14:35</b>	<b>Break</b>					
<b>14:35 - 16:05</b>	<b>Lecture 7 TBA</b> Introduction to Deep Learning  <b>Dr. Stephen Karungaru</b> (Tokushima University, Japan)	<b>Lecture 9</b> Nanophotonics Engineering for deep ultraviolet and visible wavelength applications  <b>Dr. Yuusuke Takashima</b> (Tokushima University, Japan)	<b>Student Presentations II</b>  Presentation on Culture, History, and Education	<b>Group Discussion II</b>  Preparation for Final presentation	<b>Lecture 11</b> Sustainability in Material Science - A Case Study on Circular Economy of Polymer Recycling towards Manufacturing Sustainability  <b>Dr. Jeefferie Bin Abd Razak</b> (Universiti Teknikal Malaysia Melaka, Malaysia)	

### Week 3: Aug. 7 to Aug. 11

	<b>Monday</b> (Aug. 7)	<b>Tuesday</b> (Aug. 8)	<b>Wednesday</b> (Aug. 9)	<b>Thursday</b> (Aug. 10)	<b>Friday</b> (Aug. 11)
<b>12:50 - 14:20</b>	<b>Lecture 12</b> Introduction of bridge engineering and Countermeasures to corroded steel bridges  <b>Dr. Hitoshi Moriyama</b> (Tokushima University, Japan)	<b>Lecture 14</b> Introduction to Physical Chemistry of Subcritical and Supercritical Aqueous Systems  <b>Dr. Ken Yoshida</b> (Tokushima University, Japan)	<b>Lab visit II</b> Introduction of Institute of Post-LED Photonics  <b>Prof. Takaaki Yano</b> (Tokushima University, Japan)	<b>Group Discussion III</b>  Final group Presentations	<b>- Student Feedback</b>  <b>- Closing Ceremony</b>  <b>Prof. Toshihiro Moriga</b> (Vice-Director, CIREC, Tokushima University Japan)
<b>14:20 – 14:35</b>	<b>Break</b>				
<b>14:35 - 16:05</b>	<b>Lecture 13</b> Research in computer science and its applications  <b>Prof. Bharti Gawali</b> (Dr. B. A. M University, India)	<b>Lab visit I</b>  <b>TBA</b>	<b>Lecture 15</b> Introduction of the researches for ultra-realistic communication and information display  <b>Prof. Kenji Yamamoto</b> (Tokushima University, Japan)	<b>Group Discussion IV</b>  Final group Presentations	

You can join the Online Summer School using the following link

<https://us02web.zoom.us/j/83993705976?pwd=Slh1VUdPVC9uMkordHR4N2ducukyUT09>

Meeting ID: 839 9370 5976

Passcode: SS2023