

Multidisciplinary Research Workshop at 50 Years of Bangladesh


Bangladesh 50 周年記念学祭研究ワークショップ 2022

The Tokyo International Forum, Tokyo, 11–12 August, 2022

Sponsor: Network of Bangladeshi Researchers in Japan (NBRJ)

Workshop Website: <https://nbrj.jp/workshop2022/>

Venue and Program at a Glance

	<p>Access:</p> <p>5-1 Marunouchi 3-chome, Chiyoda-ku Tokyo 100-0005, Japan</p> <p>TEL: +81- (0)3-5221-9000 (Main)</p> <p>1-minute walk from Yurakucho Station 5-minute walk from Tokyo Station</p>
--	--

Program at a Glance	
Thursday, 11 August, 2022	
17:00 – 20:00	<p>Welcome Dinner at The Oven American Buffet (Halal foods available)</p> <p>Address: Aqua City Odaiba 6F, 1-7-1 Daiba, Minato-ku, Tokyo 135-0091</p> <p>Tel: 03-3529-2093</p>
Friday, 12 August 2022	
08:30 – 14:00	Registration
09:00 – 10:00	Session 1: Business, Humanities, and Social Science
10:00 – 10:15	Coffee Break
10:15 – 11:00	Session 2: Agricultural Sciences
11:00 – 11:15	Coffee Break
11:15 – 12:30	Session 3: Medical, Pharmaceuticals, and Public Health
12:30 – 13:30	Lunch Break and General Meeting
13:30 – 15:00	Session 4: Natural Sciences, Engineering, and ICT
15:00 – 15:15	Coffee Break
15:15 – 15:45	Session 5: Panel Discussion on the Workshop
15:45 – 16:00	Coffee Break
16:00 – 16:45	Session 6: Concluding Session

Multidisciplinary Research Workshop at 50 Years of Bangladesh

Bangladesh 建国 50 周年記念学祭研究ワークショップ 2022

The Tokyo International Forum, Tokyo, 11–12 August, 2022

Sponsor: Network of Bangladeshi Researchers in Japan (NBRJ)

Workshop Website: <https://nbrj.jp/workshop2022/>

Workshop Program

Welcome Dinner	
Day	Thursday, 11 August, 2022
Time	17:00 Hours – 20:00 Hours
Venue	The Oven American Buffet Aqua City Odaiba 6F, 1-7-1 Daiba, Minato-ku, Tokyo 135-0091 Tel: 03-3529-2093
Coordinator	Jubair Shamim

Registration	
Day	Friday, 12 August 2022
Time	08:30 Hours – 14:00 Hours
Venue	Tokyo International Forum: Conference Room G404
Website	https://nbrj.jp/workshop2022/registration/
Coordinator	Program Committee

Session 1: Business, Humanities, and Social Science	
Day	Friday, 12 August 2022
Time	09:00 Hours – 10:00 Hours
Venue	Tokyo International Forum: Conference Room G404
Chair	Khondaker Mizanur Rahman (Nanzan University)
Presentations	
Paper ID 001	<i>Socio-Economic Development in Bangladesh: Findings from Long-Term Panel Data and a Glance Ahead</i> <u>Mohammad Abdul Malek</u> , Aiko Kikkawa, Abdul Kalam Azad, and Yasuyuki Sawada
Paper ID 002	<i>Historical Development of Social Business Enterprises in Bangladesh</i> <u>Sufia Jahan</u>
Paper ID 003	<i>Does Board Structure Matter in CSR Spending of Commercial Banks? Empirical Evidence from an Emerging Economy</i> <u>Bishnu Kumar Adhikary</u> and Ranjan Kumar Mitra
Paper ID 004	<i>How Bank-specific Factors Affect Access to Financing for SMEs: Evidence from an Emerging Economy</i> <u>Sadia Noor Khan</u>
Coffee Break: 10:00 Hours – 10:15 Hours	

Session 2: Agricultural Sciences	
Day	Friday, 12 August 2022
Time	10:15 Hours – 11:00 Hours
Venue	Tokyo International Forum: Conference Room G404
Chair	Mohammad Abdul Malek (University of Tsukuba)
Presentations	

Paper ID 005	<i>Assessing Damaged Agricultural Lands by Recurrent Tropical Cyclones in Coastal Region of Bangladesh</i> <u>Md. Shamsuzzoha</u> , Ryozi Noguchi, and Tofael Ahamed
Paper ID 006	<i>Investigating the Effect of Climate Change on Food Loss and Food Security in Bangladesh</i> <u>Mohammad Saiful Islam</u> , Kazunobu Okubo, AHM Saiful Islam, and Masayuki Sato
Paper ID 007	<i>Introducing a Damage-Based Crop Insurance System and Yield Prediction Algorithms for Future Flash Flood Affected Farmers: A Multidisciplinary Approach</i> <u>Md. Monirul Islam</u> , Kiyokazu Ujiie, Ryozi Noguchi, and Tofael Ahamed
Coffee Break: 11:00 Hours – 11:15 Hours	

Session 3: Medical, Pharmaceuticals, and Public Health	
Day	Friday, 12 August 2022
Time	11:15 Hours – 12:30 Hours
Chair	S.M.A. Hakim Siddiki (Tokyo Metropolitan University)
Venue	Tokyo International Forum: Conference Room G404
Presentations	
Paper ID 008	<i>Effect of Enamel Matrix Derivative on Avulsed Tooth Treatment</i> <u>Md Riasat Hasan</u>
Paper ID 009	<i>Dentin-Bonding Efficacy of Two New Dental Bonding Agents</i> <u>Arefin Alam</u> , Abu Faem Mohammad Almas Chowdhury, Monica Yamauti, and Hidehiko Sano
Paper ID 010	<i>Catalysis in Fine Chemical Synthesis: Industrial Prospects in Bangladesh</i> <u>S. M. A. Hakim Siddiki</u>
Paper ID 011	<i>Future Aspects of Cancer Immunotherapy in Bangladesh</i> <u>Tania Afroj</u>

Paper ID 012	<p><i>A Simplified Analytical Model to Evaluate Hospital Preparedness for Earthquake Emergency Response</i></p> <p><u>Md. Shakhawat Hossain</u>, Fahmida Alam Bintu, Md. Zillur Rahman, Md. Khairul Islam, ASM Maksud Kamal, and Abrar Hossain</p>
Lunch Break and General Meeting: 12:30 Hours – 13:30 Hours	

Session 4: Natural Sciences, Engineering, and ICT	
Day	Friday, 12 August 2022
Time	13:30 Hours – 15:00 Hours
Venue	Tokyo International Forum: Conference Room G404
Chair	Nazmul Ahsan (The University of Tokyo)
Presentations	
Paper ID 013	<p><i>Twenty-Five Years of Experience and Recent Activity in Photonics: A MEMS-Based Widely Tunable VCSEL for SS-OCT</i></p> <p><u>Mohammed Saad Khan</u></p>
Paper ID 014	<p><i>Potential of Desiccant-Assisted Hybrid Air-Conditioning for Cold Storage of Agro-Commodities in Bangladesh</i></p> <p><u>Jubair A. Shamim</u></p>
Paper ID 015	<p><i>The Quest for Sustainability in Energy and Electricity Sectors of Bangladesh</i></p> <p><u>Jubair Saeed</u></p>
Paper ID 016	<p><i>Recent Development in Display Technology and its Industrial Perspective in Bangladesh</i></p> <p><u>Mehadi Aman</u></p>
Paper ID 017	<p><i>The Role of Semiconductor Chips in Modern Civilization and Opportunities for Bangladesh</i></p> <p><u>Mahfuzul Islam</u></p>
Paper ID 018	<p><i>Shear Wave Velocity Estimation using Horizontal-to-Vertical Analysis in the Sylhet Basin in Bangladesh</i></p>

	<u>Atikul H. Farazi</u> , Md. Shakhawat Hossain, Yoshihiro Ito, and José Piña-Flores
Coffee Break: 15:00 Hours – 15:15 Hours	

Session 5: Panel Discussion on the Workshop	
Day	Friday, 12 August 2022
Time	15:15 Hours – 15:45 Hours
Venue	Tokyo International Forum: Conference Room G404
Moderator	Mohammad Abdul Malek (University of Tsukuba)
Panelists	Khondaker Mizanur Rahman (Nanzan University) S. M. A. Hakim Siddiki (Tokyo Metropolitan University) Nazmul Ahsan (The University of Tokyo)
Coffer Break: 15:45 hours – 16:00 hours	

Session 6: Concluding Session	
Day	Friday, 12 August 2022
Time	16:00 Hours – 16:45 Hours
Venue	Tokyo International Forum: Conference Room G404
Moderator	Sharifu Ura (Kitami Institute of Technology)
Formal Declaration of NBRJ	Khondaker Mizanur Rahman (Nanzan University)
Concluding Remarks	His Excellency Mr. Shahabuddin Ahmed, The Ambassador of the People's Republic of Bangladesh to Japan
End	