



INSTITUT TEKNOLOGI BANDUNG

LEMBAGA PENELITIAN DAN PENGABDIAN KEPADA MASYARAKAT

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Nomor : 3273/IT1.B07.1/TA.00/2023
Lampiran : Dua berkas
Perihal : Undangan Kegiatan *2023 TAIWAN TECH Joint Research Workshop*

22 Juni 2023

Yth.

Para Peneliti *ITB-NTUST Joint Research Program 2022*

(daftar terlampir)

Institut Teknologi Bandung

Bersama ini kami sampaikan bahwa dalam rangka diseminasi hasil kegiatan *ITB-NTUST Joint Research Program 2022, National Taiwan University of Science and Technology (NTUST)* mengundang para peneliti *ITB-NTUST Joint Research Program 2022* dalam kegiatan *2023 TAIWAN TECH Joint Research Workshop* yang akan diselenggarakan secara *hybrid* pada tanggal 24 Agustus 2023.

Kegiatan tersebut di atas dapat dihadiri oleh perwakilan salah satu peneliti, yaitu Peneliti ITB atau Peneliti NTUST dan tidak dapat diwakilkan oleh anggota tim. Masing - masing peserta diberikan kesempatan untuk mempresentasikan hasil penelitiannya selama 15 menit (10 menit untuk presentasi dan 5 menit untuk tanya jawab) sesuai jadwal terlampir.

Sehubungan dengan hal tersebut, para peneliti ITB dimohon untuk mengisi formulir kesediaan sebagai peserta kegiatan *2023 TAIWAN TECH Joint Research Workshop* melalui tautan <https://bit.ly/Formulir-Kesediaan-Peserta-Workshop> paling lambat tanggal **27 Juni 2023**.

Atas perhatian dan kerja sama yang diberikan, kami ucapkan terima kasih.

Plh. Ketua,

Deny Willy Junaidy, S.Sn., M.T., Ph.D.
Nopeg 118110016

Tembusan:

1. Wakil Rektor Bidang Riset dan Inovasi (sebagai laporan);
2. Dekan FMIPA;
3. Dekan FTI;
4. Dekan FTSL;
5. Dekan SBM;
6. Dekan STEI.

Lampiran Surat Plh. Ketua LPPM
 Nomor : 3273/IT1.B07.1/TA.00/2023
 Tanggal : 22 Juni 2023

Daftar Peneliti *ITB-NTUST Joint Research Program 2022*

No	PI of ITB Research	Division/ Department	PI (Taiwan Tech)	Division/ Department	Title of Research
1	Prof. Udjianna Sekteria Pasaribu, Ph.D.	FMIPA	Vincent F. Yu	Department of Industrial Management	Radius and packing optimization of the discretization process on stainless steels corrosion analysis
2	Prof. Brian Yulianto, S.T., M.Eng., Ph.D.	FTI	Min-Hsin Yeh	Department of Chemical Engineering	Designing Self Assembly Two-Dimensional Bimetallic Metal Organic Frameworks from Metal Complex for High-Performances Asymmetric Supercapacitor
3	Prof. Dr. Ir. Herlien Dwiarti Soemari	FTSL	Pei-Ching Chen	Department of Civil and Construction Engineering	Application and Optimization of Machine Learning on Smart Structural Vibration Control
4	Dr. Eng. Pri Hermawan, S.T., M.T.	SBM	Kung-Jeng Wang	Department of Industrial Management	Drama-Theoretic Collaborative Support System: Capturing Actors' Emotional Process to Build Novel Negotiation Model and Resource Allocation Plan
5	Nur Ahmadi, S.T., M.Eng. Ph.D.	STEI	Ding-Bing Lin	Department of Electronic and Computer Engineering	A Contactless and Continuous Vital Sign Monitoring System Using Radar Technology and Artificial Intelligence
6	Prof. Trio Adiono, S.T., M.T., Ph.D.	STEI	Chang-Hong Lin	Department of Electronic and Computer Engineering	Low-Cost Hardware Accelerator for Object Detection based on YOLOv3

2023 TAIWAN TECH Joint Research Workshop

Organizer : National Taiwan University of Science and Technology

Co-organizer : Taipei Medical University 、
Tokushima University (Japan)
Kyushu Institute of Technology (Japan)

Date : August 24th, 2023

Time : 9:00-16:30

Venue : International Building, National Taiwan University of Science and Technology
(Taiwan Tech) (No. 43, Keelung Rd., Sec. 4, Da'an., Taipei City, Taiwan)

Time	Agenda		
09:00-09:20	Opening Ceremony (Welcome speech) Taiwan Tech Taipei Medical University Tokushima University Kyushu Institute of Technology		
09:20-09:30	Coffee Break		
09:30-12:00	Session A TAIWAN TECH-TMU 2022 Joint Research Room: IB-201	Session B TAIWAN TECH-TU 2022 Joint Research Room: IB-202	Session C TAIWAN TECH-ITB 2022 Joint Research Room: IB-302
12:00-13:30	Lunch		
13:30-16:30	Session D TAIWAN TECH-Kyushu 2022 Joint Research Room: IB-201	Session E TAIWAN TECH-TU 2023 Joint Research Room: IB-202	

【Session C】 TAIWAN TECH- ITB 2022 Joint Research Projects

Time	Project Title
09:30-09:45	Drama-Theoretic Collaborative Support System: Capturing Actors' Emotional Process to Build Novel Negotiation Model and Resource Allocation Plan Prof. Kung-Jeng Wang (Taiwan Tech) / Asst. Prof. Pri Hermawan (ITB)
09:45-10:00	A Contactless and Continuous Vital Sign Monitoring System Using Radar Technology and Artificial Intelligence Prof. Ding-Bing Lin (Taiwan Tech) / Asst. Prof. Nur Ahmadi (ITB)
10:00-10:15	Application and Optimization of Machine Learning on Smart Structural Vibration Control Asst. Prof. Pei-Ching Chen (Taiwan Tech)/Pro. Herlien Dwiarti Setio (ITB)
10:15-10:30	Designing Self Assembly Two-Dimensional Bimetallic Metal Organic Frameworks from Metal Complex for High-Performances Asymmetric Supercapacitor Asst. Prof. Min-Hsin Yeh (Taiwan Tech) / Prof. Brian Yulianto (ITB)
10:30-10:45	Radius and packing optimization of the discretization process on stainless steels corrosion analysis Prof. Vincent F. Yu (Taiwan Tech) / Asst. Prof. Udjianna Sekteria Pasaribu (ITB)
10:45-11:00	Low-Cost Hardware Accelerator for Object Detection based on YOLOv3 Prof. Chang-Hong Lin (Taiwan Tech) / Prof. Trio Adiono (ITB)

*10 mins oral, 5 mins Q&A for each presentation