**Program (draft)**

The 5th International Conference on Engineering, Physics, MEMS-Biosensors

and Their applications (ICEBA2024)

*Hội nghị Quốc tế lần thứ 5 về Kỹ thuật, Vật lý, MEMS- Cảm biến y sinh*

*và ứng dụng năm 2024 (ICEBA2024)*

*November 11&12, 2024;*

*Ho Chi Minh City and Vinh Long Province, Vietnam*

**\*November 10th (Sunday) at Ho Chi Minh city**

. 12:00-18:00. Registration

.17:00-18:00. Meeting of Program Committee and Chair/co-chair session of ICEBA2024 at VNUHCM- University of Science (227 Nguyen Van Cu, District 5, HCM city);

. 18:00-20:00. Welcome dinner (Plenary invited speakers, international guests, VIPs, program committee, …)

**\*November 11th (Monday) at Ho Chi Minh city and Vinh Long Province**

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| **Time** | **Contents/Program** | | **Note** |
| 07:30-07:45 | Registration (Check list, nameplate, Abstract & Program,…) | | -Lobby of conference room: Building I, University of Science, HCM city, Vietnam.  -The secretary |
| **1.OPENING CEREMONY &PLENARY SESSION**  **Conference Hall I, Building I, 227 Nguyen Van Cu Str., District 5, HCMC** | | | |
| 08:00-08:10 | **1. Introduce Guests (MC)** | | *MC* |
| 08:10-08:25 | **2.** **Welcome speeches:**  - Welcome speech from the president of VNUHCM-US*;*  - Speech from Co-General Chairs of ICEBA2024;  - Speech from Program Chair of ICEBA2024; | |
| 08:25-08:35 | **3. Offer gifts for invited speakers**  . Plenary invited talks.  . Invited talks | | President of VNUHCM-US |
| 08:40-08:50 | **4. Announcement for the 6th ICEBA2025 in Taiwan** | | Program Committee of ICEBA2024 |
| 08:50-09:00 | **Coffee break** | | Lobby |
| 09:00-10:50 | **5. Plenary invited talk Session:** 15 min for talk and 5 min for discussion  *Chair:*  *Co-Chair:* | | |
|  | **. Plenary #1 (code: PL-01).** | | *Will be updated* |
|  | **. Plenary #2 (code: PL-02)** | | *Will be updated* |
|  | **. Plenary #3 (code: PL-03)** | | *Will be updated* |
|  | **. Plenary #4 (code: PL-04)** | | *Will be updated* |
|  | **. Plenary #5 (code: PL-05)** | | *Will be updated* |
| 11:00-11:15 | **Discussion** | | *Chair and Co-Chair* |
| 11:15-11:30 | **Closing the plenary session and program ICEBA2024** | | *Chair, Program Committee of ICEBA2024* |
| **Lunch time (11:30-12:30)** | | | |
| **2. TRANSPORTATION FOR Vinh Long Province (MTU)** | | | |
| **. 12:45-12:55.** Pick up byLimousine bus of Conference (Bus 01, Bus02 at the gate of the University of Science);  **. 13:00-16:00.**Transportation for Vinh Long Province (110 km)  **. 16:00-18:00.** Sightseeing in Vinh Long city  ***.* 18:00-21:00.** Check-in hotel and Conference welcome dinner*.* | | | |
| **\*November 12nd (Tuesday)** **at Vinh Long Province and Ho Chi Minh city** | | | |
| **1. PARALLEL SESSION: 08:00-11:00**  Location:………………., Mien Tay Construction University, Vinh Long Province  *Invited talk: 20 min (15 min for talk and 5 min for discussion);*  *Oral presentation****:*** *15min (12 min for talk and 3 min for discussion).* | | | |
| **Session 1. Engineering Physics and Electrical & Electronic Engineering**  Room ….… , MTU  *Chair: Co-Chair: Secretary:* | | | |
| *Schedule* | *Name of invited speakers* | | *Title of talks* |
| 08:00-08:20 | **Invited talk S1-01-I** | | *Will be updated* |
| 08:20-08:40 | **Invited talk S1-02-I** | | *Will be updated* |
| 08:40-09:00 | **Invited talk S1-03-I** | | *Will be updated* |
| **Coffee break (09:00-09:15)** | | | |
| 09:15-09:30 | **Oral S1-01-O** | | *Will be updated* |
| 09:30-09:45 | **Oral S1-02-O** | | *Will be updated* |
| 09:45-10:00 | **Oral S1-03-O** | | *Will be updated* |
| 10:00-10:15 | **Oral S1-04-O** | | *Will be updated* |
| 10:15-10:30 | **Oral S1-05-O** | | *Will be updated* |
| 10:30-10:45 | **Oral S1-06-O** | | *Will be updated* |
| 10:45-11:00 | **Oral S1-07-O** | | *Will be updated* |
| **Session 2. Medical Physics and Nuclear Engineering**  Room ….… , MTU  *Chair: Co-Chair: Secretary:* | | | |
| 08:00-08:20 | **Invited talk S3-01-I** | | *Will be updated* |
| 08:20-08:40 | **Invited talk S3-02-I** | | *Will be updated* |
| 08:40-09:00 | **Invited talk S2-03-I** | | *Will be updated* |
| **Coffee break (09:00-09:15)** | | | |
| 09:15-09:30 | **Oral S2-01-O** | | *Will be updated* |
| 09:30-09:45 | **Oral S2-02-O** | | *Will be updated* |
| 09:45-10:00 | **Oral S2-03-O** | | *Will be updated* |
| 10:00-10:15 | **Oral S2-04-O** | | *Will be updated* |
| 10:15-10:30 | **Oral S2-05-O** | | *Will be updated* |
| 10:30-10:45 | **Oral S2-06-O** | | *Will be updated* |
| 10:45-11:00 | **Oral S2-07-O** | | *Will be updated* |
| **Session 3. Physics, Semiconductor Technologies, Materials, Device and Related**  Room ….… , MTU  *Chair: Co-Chair: Secretary:* | | | |
| 08:00-08:20 | **Invited talk S3-01-I** | | *Will be updated* |
| 08:20-08:40 | **Invited talk S3-02-I** | | *Will be updated* |
| 08:40-09:00 | **Invited talk S3-03-I** | | *Will be updated* |
| **Coffee break (09:00-09:15)** | | | |
| 09:15-09:30 | **Oral S3-01-O** | | *Will be updated* |
| 09:30-09:45 | **Oral S3-02-O** | | *Will be updated* |
| 09:45-10:00 | **Oral S3-03-O** | | *Will be updated* |
| 10:00-10:15 | **Oral S3-04-O** | | *Will be updated* |
| 10:15-10:30 | **Oral S3-05-O** | | *Will be updated* |
| 10:30-10:45 | **Oral S3-06-O** | | *Will be updated* |
| 10:45-11:00 | **Oral S3-07-O** | | *Will be updated* |
| **Session 4. MEMS, Biosensors and Application**  Room ….… , MTU  *Chair: Co-Chair: Secretary:* | | | |
| 08:00-08:20 | **Invited talk S4-01-I** | | *Will be updated* |
| 08:20-08:40 | **Invited talk S4-02-I** | | *Will be updated* |
| 08:40-09:00 | **Invited talk S4-03-I** | | *Will be updated* |
| **Coffee break (09:00-09:15)** | | | |
| 09:15-09:30 | **Oral S4-01-O** | | *Will be updated* |
| 09:30-09:45 | **Oral S4-02-O** | | *Will be updated* |
| 09:45-10:00 | **Oral S4-03-O** | | *Will be updated* |
| 10:00-10:15 | **Oral S4-04-O** | | *Will be updated* |
| 10:15-10:30 | **Oral S4-05-O** | | *Will be updated* |
| 10:30-10:45 | **Oral S4-06-O** | | *Will be updated* |
| 10:45-11:00 | **Oral S4-07-O** | | *Will be updated* |
| **Session 5.** **Microelectronics, Embedded System and AI&IoT**  Room ….… , MTU  *Chair: Co-Chair: Secretary:* | | | |
| 08:00-08:20 | **Invited talk S5-01-I** | | *Will be updated* |
| 08:20-08:40 | **Invited talk S5-02-I** | | *Will be updated* |
| 08:40-09:00 | **Invited talk S5-03-I** | | *Will be updated* |
| **Coffee break (09:00-09:15)** | | | |
| 09:15-09:30 | **Oral S5-01-O** | | *Will be updated* |
| 09:30-09:45 | **Oral S5-02-O** | | *Will be updated* |
| 09:45-10:00 | **Oral S5-03-O** | | *Will be updated* |
| 10:00-10:15 | **Oral S5-04-O** | | *Will be updated* |
| 10:15-10:30 | **Oral S5-05-O** | | *Will be updated* |
| 10:30-10:45 | **Oral S5-06-O** | | *Will be updated* |
| 10:45-11:00 | **Oral S5-07-O** | | *Will be updated* |
| **Session 6.** **Computing Science, Simulation and Modeling**  Room ….… , MTU  *Chair: Co-Chair: Secretary:* | | | |
| 08:00-08:20 | **Invited talk S6-01-I** | | *Will be updated* |
| 08:20-08:40 | **Invited talk S6-02-I** | | *Will be updated* |
| 08:40-09:00 | **Invited talk S6-03-I** | | *Will be updated* |
| **Coffee break (09:00-09:15)** | | | |
| 09:15-09:30 | **Oral S6-01-O** | | *Will be updated* |
| 09:30-09:45 | **Oral S6-02-O** | | *Will be updated* |
| 09:45-10:00 | **Oral S6-03-O** | | *Will be updated* |
| 10:00-10:15 | **Oral S6-04-O** | | *Will be updated* |
| 10:15-10:30 | **Oral S6-05-O** | | *Will be updated* |
| 10:30-10:45 | **Oral S5-06-O** | | *Will be updated* |
| 10:45-11:00 | **Oral S6-07-O** | | *Will be updated* |
| **Session 7. Civil and Geology Engineering**  Room ….… , MTU  *Chair: Co-Chair: Secretary:* | | | |
| 08:00-08:20 | **Invited talk S7-01-I** | | *Will be updated* |
| 08:20-08:40 | **Invited talk S7-02-I** | | *Will be updated* |
| 08:40-09:00 | **Invited talk S7-03-I** | | *Will be updated* |
| **Coffee break (09:00-09:15)** | | | |
| 09:15-09:30 | **Oral S7-01-O** | | *Will be updated* |
| 09:30-09:45 | **Oral S7-02-O** | | *Will be updated* |
| 09:45-10:00 | **Oral S7-03-O** | | *Will be updated* |
| 10:00-10:15 | **Oral S7-04-O** | | *Will be updated* |
| 10:15-10:30 | **Oral S7-05-O** | | *Will be updated* |
| 10:30-10:45 | **Oral S7-06-O** | | *Will be updated* |
| 10:45-11:00 | **Oral S7-07-O** | | *Will be updated* |
| **Session 8. Geology & Civil Engineering and Construction, Machines & Mechanical Engineering**  Room ….… , MTU  *Chair: Co-Chair: Secretary:* | | | |
| 08:00-08:20 | **Invited talk S8-01-I** | | *Will be updated* |
| 08:20-08:40 | **Invited talk S8-02-I** | | *Will be updated* |
| 08:40-09:00 | **Invited talk S8-03-I** | | *Will be updated* |
| **Coffee break (09:00-09:15)** | | | |
| 09:15-09:30 | **Oral S8-01-O** | | *Will be updated* |
| 09:30-09:45 | **Oral S8-02-O** | | *Will be updated* |
| 09:45-10:00 | **Oral S8-03-O** | | *Will be updated* |
| 10:00-10:15 | **Oral S8-04-O** | | *Will be updated* |
| 10:15-10:30 | **Oral S8-05-O** | | *Will be updated* |
| 10:30-10:45 | **Oral S8-06-O** | | *Will be updated* |
| 10:45-11:00 | **Oral S8-07-O** | | *Will be updated* |
| **2. POSTER SESSION 09:00-09:15 and 11:00-11:15.**  Lobby of Conference Hall, Mien Tay Construction University, Vinh Long Province | | | |
| *- Chair:*  *- Co-Chair:*  *- Technical Assistant:* | | | |
| **From Session 1** | | *Will be updated* | |
| **From Session 2** | | *Will be updated* | |
| **From Session 3** | | *Will be updated* | |
| **From Session 4** | | *Will be updated* | |
| **From Session 5** | | *Will be updated* | |
| **From Session 6** | | *Will be updated* | |
| **From Session 7** | | *Will be updated* | |
| **From Session 8** | | *Will be updated* | |
| **3. CLOSING CEREMONY 11:20-12:30**  Location:…………….., Mien Tay Construction University, Vinh Long Province | | | |
| **Time** | **Contents/Program** | | **Note** |
| 11:20-11:30 | **1. Introduce Guests** | | MC |
| 11:30-11:50 | **2. Closing Remarks:**  - From the president of MTU*;*  - Report of ICEBA2024; | |  |
| 11:50-12:10 | **3. The 5 Year Anniversary of ICEBA**  - Speech from the VNUHCM-US representative*;*  - MoA Signing Ceremony;  - Gifts for VIPs, Guests | |  |
| 12:10-12:20 | **4. Outstanding Oral and poster presentation** | |  |
| 12:20-12:30 | **5. Announcement of ICEBA2025 in Taiwan** | | Co-chair Program ofICEBA2025 (NCU- Taiwan) |
| **4. FAREWELL LUNCH PARTY**  \* Time: 12:30-14:00  \* Location: Mien Tay Construction University, Vinh Long Province | | | |
| **5. TRANSPORTATION FOR HOCHIMINH CITY: 14:30-17:30** | | | |