

24
July

28
July



B.E.S.T. INNOVATION 2023

ON-SITE WEEK I TAIWAN
IHU & IRCAD TAIWAN



Educational program developed by
the Institute of Image-Guided Surgery
of Strasbourg, FRANCE



INSTITUTE OF IMAGE-GUIDED
SURGERY

Program is subject to modification

www.iyu-strasbourg.eu

2024 0722-26 BEST 交通車時刻表 Shuttlebus

出發時間 Departure Time	路線 Route
Day 1: July 22 (星期一 Monday)	
08:00	鹿港永樂酒店 Union House → 鹿港澄悅酒店 Euphoria Hotel / 鹿港澄悅商旅 Joy Inn / 頌謙文旅民宿 Songqian Inn / 以安二館 Yian Branch 2 Inn
08:10	(集合地點 Meet Up Point : 7-11 停車場 Parking Lot) → 彰濱秀傳微創手術中心 IRCAD-Taiwan
18:15	彰濱秀傳微創手術中心 → 海味珍活海鮮餐廳 IRCAD-Taiwan → Seafood Restaurant
20:45	海味珍活海鮮餐廳 Seafood Restaurant → 鹿港永樂酒店 Union House → 鹿港澄悅酒店 Euphoria Hotel / 鹿港澄悅商旅 Joy Inn / 頌謙文旅民宿 Songqian Inn / 以安二館 Yian Branch 2 Inn → 彰濱秀傳樂活 Lohas Club
Day 2: July 23 (星期二 Tuesday)	
08:00	鹿港永樂酒店 Union House → 鹿港澄悅酒店 Euphoria Hotel / 鹿港澄悅商旅 Joy Inn / 頌謙文旅民宿 Songqian Inn / 以安二館 Yian Branch 2 Inn
08:10	(集合地點 Meet Up Point : 7-11 停車場 Parking Lot) → 彰濱秀傳微創手術中心 IRCAD-Taiwan
17:30	彰濱秀傳微創手術中心 → 福 KAWA 龍舟基地 IRCAD-Taiwan → Dragon Boat
19:30	福 KAWA 龍舟基地 → 彰濱秀傳微創手術中心 Dragon Boat → IRCAD-Taiwan
00:00 - 01:00	彰濱秀傳微創手術中心 IRCAD-Taiwan → 鹿港永樂酒店 / 鹿港澄悅酒店 / 鹿港澄悅商旅 / 頌謙文旅民宿 / 以安二館 Union House / Euphoria Hotel / Joy Inn / Songqian Inn / Yian Branch 2 Inn
Day 3: July 24 (星期三 Wednesday)	
08:00	鹿港永樂酒店 Union House → 鹿港澄悅酒店 Euphoria Hotel / 鹿港澄悅商旅 Joy Inn / 頌謙文旅民宿 Songqian Inn / 以安二館 Yian Branch 2 Inn
08:10	(集合地點 Meet Up Point : 7-11 停車場 Parking Lot) → 彰濱秀傳微創手術中心 IRCAD-Taiwan
18:30	彰濱秀傳微創手術中心 → 精誠夜市 & 立特佳五金大賣場 IRCAD-Taiwan → Jing Cheng Night Market
20:30 - 21:00	精誠夜市 & 立特佳五金大賣場 → 彰濱秀傳微創手術中心 Jing Cheng Night Market → IRCAD-Taiwan
00:00 - 01:00	彰濱秀傳微創手術中心 IRCAD-Taiwan → 鹿港永樂酒店 / 鹿港澄悅酒店 / 鹿港澄悅商旅 / 頌謙文旅民宿 / 以安二館 Union House / Euphoria Hotel / Joy Inn / Songqian Inn / Yian Branch 2 Inn

Day 4: July 25 (星期四 Thursday)	
08:00	鹿港永樂酒店 Union House → 鹿港澄悅酒店 Euphoria Hotel / 鹿港澄悅商旅 Joy Inn / 頌謙文旅民宿 Songqian Inn / 以安二館 Yian Branch 2 Inn
08:10	(集合地點 Meet Up Point : 7-11 停車場 Parking Lot) → 彰濱秀傳微創手術中心 IRCAD-Taiwan
00:00 - 01:00	彰濱秀傳微創手術中心 IRCAD-Taiwan → 鹿港永樂酒店 / 鹿港澄悅酒店 / 鹿港澄悅商旅 / 頌謙文旅民宿 / 以安二館 Union House / Euphoria Hotel / Joy Inn / Songqian Inn / Yian Branch 2 Inn
Day 5: July 26 (星期五 Friday)	
08:00	鹿港永樂酒店 Union House → 鹿港澄悅酒店 Euphoria Hotel / 鹿港澄悅商旅 Joy Inn / 頌謙文旅民宿 Songqian Inn / 以安二館 Yian Branch 2 Inn
08:10	(集合地點 Meet Up Point : 7-11 停車場 Parking Lot) → → 彰濱秀傳微創手術中心 IRCAD-Taiwan
14:15	彰濱秀傳微創手術中心 → 鹿港澄悅酒店 → 台中高鐵站 → 台北福華大飯店 IRCAD-Taiwan → Euphoria Hotel → HSR Taichung Station → Howard Hotel Taipei

*如需放置行李，櫃台後方設有行李間，請當日退房後帶至中心。

*自行開車者，可將車輛停放於醫院內停車格，於課程結束後至櫃檯領取免費停車卷。

*需要計程車接送者，請提前告知我們工作人員，方便為您安排。

Luggage storage, parking voucher, and taxi reservation is available at IRCAD-Taiwan. Please let us know when needed.

Meet Up Point : Parking Lot next to 7-11 (<https://goo.gl/maps/ED7dAk95DAi6X8yZ6>)

505彰化縣鹿港鎮中正路556號 No. 556, Jhongjheng Rd, Lukang Township, Changhua County, 505

MONDAY

July 24th - 2023

08.00 am Shuttlebus from Hotel to IRCAD-Taiwan

08.30 am - REGISTRATION AT THE INSTITUTE -

ENTREPRENEURIAL SESSION / IRCAD Auditorium 1F

08.45 am – 09.00 am WELCOME & INTRODUCTION TO IRCAD Taiwan

NEEDS finding in Medicine

- 09.00 am – 10.30 am
- The Importance of Needs finding in Innovation
 - Identifying Needs and Screening
 - Must Haves & Nice to Haves
 - Case Study: Advances pH monitoring solution for GERD

10.30 am – 10.45 am - COFFEE BREAK -

ENGINEERING SESSION / IRCAD Auditorium 1F

10.45 am – 11.15 am The Creative Destruction of Surgery

11.15 am – 12.15 pm **KEYNOTE:** Convergence of Robotics and AI
How new breakthroughs in AI could revolutionize robotics
The power of entropy

12.15 pm – 13.15 pm - LUNCH AT THE INSTITUTE -

13.15 pm – 14.15 pm CHALLENGE AND TEAM ANNOUNCEMENTS
A B.E.S.T. patent, what next? - Sign NDA -

14.15 pm TEAM & COACHES GET TOGETHER - Group Photo & Team Photo - Wear your B.E.S.T. T-Shirts -

14.30 pm – 15.30 pm B.E.S.T. CAFÉ – Break the ice – Mix & Meet

MINIMALLY INVASIVE SURGICAL SKILLS SESSION / IRCAD Experimental Laboratory 3F

Lab Attire: Must Wear Closed-Toe Shoes

15.30 pm – 16.30 pm GETTING STARTED: INTRODUCTION TO LAPAROSCOPY

- Laparoscopic equipment: camera, optical system, and insufflator
- Laparoscopic device & instrument: suture, ligation, energy & stapling

Karl Storz
Medtronic

16.30 pm – 18.00 pm LASTT: laparoscopic skills warm up session

18.15 pm Shuttlebus from IRCAD-Taiwan to Dinner

18.30 pm - WELCOME DINNER - KTV Night @ 海味珍活海鮮 Hai Wei Zhen -

20.30 pm END OF PROGRAM DAY 1

20.45 pm Shuttlebus from Dinner to Hotel

TUESDAY

July 25th - 2023

08.00 am Shuttlebus from Hotel to IRCAD-Taiwan

ENTREPRENEURIAL SESSION / IRCAD Auditorium 1F

08.30 am – 10.30 am

CONCEPT GENERATION AND BRAINSTORMING

- Concept generation & brainstorming techniques
- Filtering your concepts: saying NO to 1000 things
- Prototyping strategies and case studies

10.30 am – 10.45 am

- COFFEE BREAK -

10.45 pm – 12.00 pm

PROTECTING YOUR IDEAS

- A Primer in Intellectual Property
- LIVE Case Studies in Intellectual Property – The Taurus Clip

12:00 pm – 12:30 pm

Innovation in US Healthcare Systems

12.30 pm – 13.30 pm

- LUNCH AT THE INSTITUTE -

MINIMALLY INVASIVE SURGICAL SKILLS SESSION / IRCAD Experimental Laboratory 3F

Lab Attire: Must Wear Closed-Toe Shoes

13.30 pm – 15.30 pm

LEARN FROM THE MASTERS: INTRODUCTION TO SUTURING

- Practice on Dry Pad

TEAM PROJECTS / IRCAD Discussion Rooms

15.30 pm – 17.30 pm

TEAM PROJECT - Faculty Check-In and Slack Office Hours

TEAM BUILDING / IRCAD Auditorium 1F

Sports Attire: Water, Towel, Slippers / Waterproof Shoes, Change of Clothes

17.30 pm – 19.30 pm

- TEAM BUILDING - Dragon Boat @ 福 KAWA 龍舟基地

19.30 pm

- DINNER BREAK - Taiwanese Snack @ IRCAD-Taiwan 1F Cafeteria

TEAM PROJECTS / IRCAD Discussion Rooms

20.30 pm

TEAM PROJECT - Faculty Check-In and Slack Office Hours

00.00 am

END OF PROGRAM DAY 2 - Clean Your Discussion Rooms!

00.00 am

Shuttlebus from IRCAD-Taiwan to Hotel

WEDNESDAY

July 26th - 2023

08.00 am Shuttlebus from Hotel to IRCAD-Taiwan

MINIMALLY INVASIVE SURGICAL SKILLS SESSION / IRCAD Experimental Laboratory 3F

Lab Attire: Must Wear Closed-Toe Shoes

Pre-Lab
Lab Demonstration

08.30 am –
12.30 pm SIMULATION BASED LEARNING
INTERVENTIONAL IMAGING MODALITIES
ENGINEERING CHALLENGES

12.30 pm Group Photo – Fly your airplane!

12.30 pm –
13.30 pm - LUNCH AT THE INSTITUTE -

ENTREPRENEURIAL SESSION / IRCAD Auditorium 1F

13.30 pm –
14.30 pm STRATEGIC PLANNING: turning ideas into action

- Market Access: Case Studies In Strategic Planning
- US Regulatory And Reimbursement Primer

14.30 pm –
15.30 pm • “Live” case study from the OR: turning an idea to the fastest growing bariatric operation

15.30 pm –
16.00 pm - COFFEE BREAK -

16.00 am –
17.30 pm

- Building a Seed Round and Pitching your idea
- Panel: Pitching your Plan
- Starting a Company: The Good, the Bad, and the Ugly

ENGINEERING SESSION / IRCAD Auditorium 1F

17.30 pm –
18.00 pm DESIGNING THE FUTURE

- The Data Revolution in Surgery

18.00 pm Shuttlebus from IRCAD-Taiwan to Hardware Store & Night Market

18.30 pm - DINNER BREAK - Night Market Food Bingo @ 精誠夜市 Ching Cheng Night Market -

- HARDWARE STORE TRIP @ 立特佳五金百貨大賣場 Li Te Chia Hardware Store -

20.30 pm Shuttlebus from Hardware Store & Night Market to IRCAD-Taiwan

TEAM PROJECTS / IRCAD Discussion Rooms 2F

21.00 pm TEAM PROJECT - Faculty Check-In and Slack Office Hours

00.00 am END OF PROGRAM DAY 3 - Clean Your Discussion Rooms!

00.00 am Shuttlebus from IRCAD-Taiwan to Hotel

THURSDAY

July 27th - 2023

08.00 am Shuttlebus from Hotel to IRCAD-Taiwan

FIRESIDE CHATS / IRCAD Auditorium 1F

08.30 am - Crossing the Chasm with Taiwan's Strengths in Healthcare, Technology and
08.50 am Talent for Medical Device Innovation

Introduction to Taiwan Biodesign Innovation Process

- Career experience sharing from ... (10 mins each)
- Taipei Medical University
- National Cheng Kung University
- Panel discussion - Biodesign in Taiwan (20 mins QA)

08.50 am –
09.30 am

MINIMALLY INVASIVE SURGICAL SKILLS SESSION / IRCAD Experimental Laboratory 3F

Lab Attire: Must Wear Closed-Toe Shoes

09.30 am –
10.00 am Pre-Lab

Animal Lab: BASIC PRINCIPLES OF LAPAROSCOPY

- Entry techniques and trocar positioning
- Safe cholecystectomy, small bowel resection anastomosis, splenectomy, nephrectomy, etc.

LEARN FROM THE MASTERS: CONTINUATION TO SUTURING TECHNIQUE

- Practice on Ex-vivo Tissue

LAPAROSCOPIC COMPETITION – LASTT chance to win

13.30 pm –
14.30 pm - LUNCH AT THE INSTITUTE -

FIRESIDE CHATS / IRCAD Auditorium 1F

What's next – possibility after B.E.S.T. (10 mins each)

- Show Chwan Research Funds
- MedTech Starthub
- BE Accelerator

Sharing from... Alumni & Faculty

- Good, Better, BEST and then?
- Panel discussion – Project Continuation (20 mins QA)

14.30 pm –
15.30 pm

TEAM PROJECTS / IRCAD Discussion Rooms 2F

15.30 pm TEAM PROJECT CONTINUATION

19.00 pm - DINNER BREAK - Pizza Night

21.00 pm TEAM PROJECT CONTINUATION - Faculty Check-In and Slack Office Hours -

00.00 am END OF PROGRAM DAY 4 - Clean Your Discussion Rooms!

00.00 am Shuttlebus from IRCAD-Taiwan to Hotel



FRIDAY

July 28th - 2023

08.00 am Shuttlebus from Hotel to IRCAD-Taiwan

TEAM PROJECTS / IRCAD Discussion Rooms 2F

- 08.30 am – 10.00 am
- DASH TO THE FINISH LINE**
- Finishing Presentation & Prototype
 - Clean Your Discussion Rooms!

PROJECT PRESENTATIONS / IRCAD Auditorium 1F

- 10.00 am – 11.30 am
- PROJECT PRESENTATIONS - AUDITORIUM - TAIWAN**
- Pitch at your B.E.S.T.

11.30 am – 12.00 pm

- COFFEE BREAK -

- 12.00 pm – 13.00 pm
- BEST INNOVATION COURSE - CLOSING SESSION**
- Closing lecture: *“How diversity can drive Innovation”*
 - Selection of the BEST Innovation concepts
 - Awards ceremony: Delivery of the certificates of attendance

13.00 pm – 14.00 pm

- LUNCH AT THE INSTITUTE -

14.00 pm

END OF PROGRAM DAY 5 -

14.15 pm Shuttlebus from IRCAD-Taiwan to Hotel & Taichung HSR Station & Taipei Howard Hotel



B.E.S.T.
Business Engineering
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Taiwan

Thank You

Educational program developed by the:



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SURGERY

The B.E.S.T. INNOVATION course is kindly supported by:



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