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訂

主旨：檢送本校於108年3月8日(星期五)假集思台大會議中心辦理「International Forum on Advanced Technologies (IFAT 2019)第五屆國際先進科技論壇」徵稿訊息，敬請惠予公告並轉知所屬師生踴躍投稿，請查照。

說明：

一、本論壇係本校與日本德島大學及日本九州工業大學等三校共同合辦之國際論壇，為增進國際學術交流，歡迎貴校師生共襄盛舉，本會議僅使用英文報告。

二、本論壇徵稿主題 涵蓋如下：

- (一)Nanotechnology and Advanced Materials
- (二)Advanced Measurements and Plasma Technologies
- (三)Advances in Processing and Manufacture of Electronic and Electrical Components
- (四)Optical Engineering and Imaging Sensing Techniques
- (五)Deteriorations and Retrofitting Techniques for Civil Engineering Structures
- (六)Emerging Fields and New Technologies
- (七)Industrial Management and Design

三、重要日程：

- (一)論文徵稿日起：107/10/26 (五)

線

收文文號：1070012298

(二)論文徵稿截止日：108/01/23(三)

(三)第一次寄送論文摘要接受日：108/01/03(四)

(四)第二次寄送論文摘要接受日：108/01/30(三)

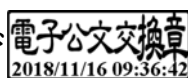
(五)優惠報名截止日：107/12/15(六)

四、報名方式：請以電子檔方式將「摘要」寄至shinyi@mail.ntust.edu.tw信箱，並註明「IFAT 2019投稿」。

五、有關本論壇詳細資訊，請逕至論壇網站(網址：<http://ifat.ntust.edu.tw>)。

正本：各公私立大專校院

副本：本校研究發展處綜合業務中心



Key Conference Information

Abstract Submission 26 October 2018
First Notification of Paper Acceptance 5 January 2019
Second Notification of Paper Acceptance 30 January 2019
Early Bird Registration Due Date 15 December 2018
Final Submission 23 January 2019
Conference 8 March 2019

The official language of the conference is English

Conference Website

<http://ifaat.kyutech.edu.tw>

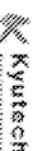


Introduction

The 5th International Forum on Advanced Technologies (IFAT 2019) will be held at GIS NTU Convention Center on March 8. The objectives of the Forum is to focus on the issues of the researches collaborated by National Taiwan University of Science Technology (NTUST), Tokushima University (TU) and Kyushu Institute of Technology (Kyutech). The forum is expected to attract a wide range of academicians, scientists, researchers, students, and industrialists from Taiwan, Japan, and even people from all over the world. The forum will give opportunities to exchange experiences and researches on a variety of advanced technologies. Through the presentations coupled with critical discussions and social interactions, it will give a platform for promoting future academic and industrial collaborations.

Conference Secretary

Ms. Shih-Yi Hsu
+886-2-27378184 | shiyi@mail.ntust.edu.tw
Office of Research and Development
National Taiwan University of Science and Technology
 Taipei 106, Taiwan



IFAT
2019

8 March 2019 / Friday

The 5th International Forum
on Advanced Technologies 2019

Conference Themes

- Nanotechnology and Advanced Materials
- Advanced Measurements and Piping Technologies
- Advances in Processing and Manufacturing of Electronic and Electrical Components
- Optical Engineering and Imaging Sensing Techniques
- Diagnostics and Monitoring Techniques for Civil Engineering Structures
- Emerging Fields and New Technologies
- Industrial Management and Design

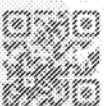
Abstracts

An extended abstract should be e-mailed to sibiny@gmail.com. No full paper is required.

Registration Fee

Conference registration fee includes banquet, lunch and coffee breaks. Registration forms will be available on the website: <http://ntu.edu.tw>

One author registration is required for each paper submitted.



Registration Categories	Before Dec. 15, 2018	After Dec. 15, 2018
Full fee	7,000	9,000
Facilities and Inflight Services*	5,500	7,000
Students	4,000	6,000

Cost (NTD)

Discounts are available for facilities from NTUST, TU, Kyushu or other participating organizations and speakers invited by facilities from NTUST, TU and Kyushu.

Chairs

- Prof. Ching-Jong Liao
National Taiwan University of Science & Technology, Taiwan
- Prof. Sunil Kumar Nair
Toshiba University, Japan
- Prof. Maruyama Masaru
Kyushu Institute of Technology, Japan

Co-Chairs

- Prof. Sheng-Ping Ju
National Taiwan University of Science & Technology, Taiwan
- Prof. Masashi Hashimoto
Tokushima University, Japan
- Prof. Takanori Ohno
Kyushu Institute of Technology, Japan

Scientific Committee

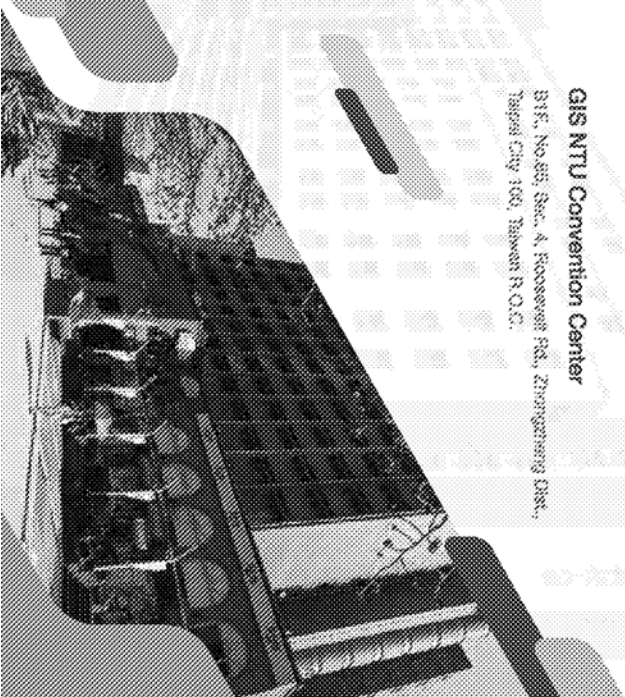
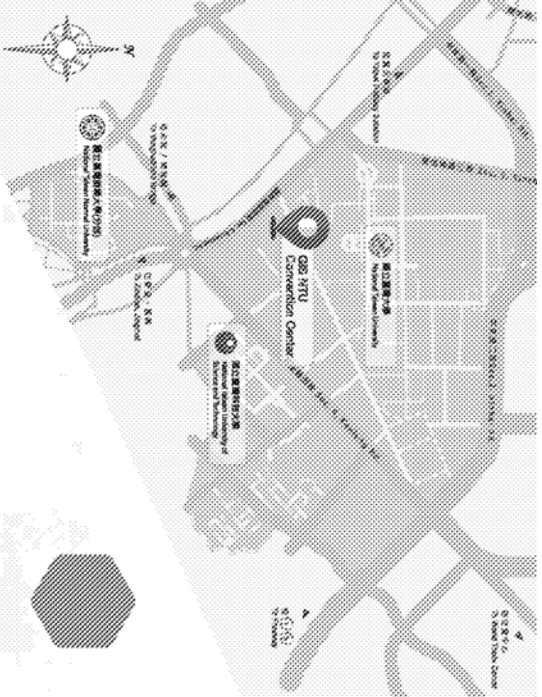
- Prof. Chen-Hao Wang
National Taiwan University of Science & Technology, Taiwan
- Prof. Yoshitaka Moriya
Tokushima University, Japan
- Prof. Meng-Yi Bai
National Taiwan University of Science & Technology, Taiwan
- Prof. Huang-Jen Chiu
National Taiwan University of Science & Technology, Taiwan
- Prof. Fang-Jung Shiao
National Taiwan University of Science & Technology, Taiwan
- Prof. Yoshitaka Deguchi
Tokushima University, Japan
- Prof. Riechi Akatsuki
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- Prof. Pook-CHEN
National Taiwan University of Science & Technology, Taiwan
- Prof. Shyue-Kung Lu
National Taiwan University of Science & Technology, Taiwan
- Prof. Meng-Jy Wang
National Taiwan University of Science & Technology, Taiwan
- Prof. Ching-Chang Arthur Chen
National Taiwan University of Science & Technology, Taiwan
- Prof. Meng-Ting Tsai
National Taiwan University of Science & Technology, Taiwan

Venue

The conference will be held at GIS NTU Convention Center which is located at Gongguan, a transportation hub in Taipei city. GIS NTU Convention Center is a multifunctional convention center that National Taiwan University has commissioned GIS Group to operate and manage. The center is conveniently situated (two minutes' walk from the metro station) and is amply supplied with public parking and first-class food services. The center has ten medium and small conference spaces all located on the same floor, which facilitates the planning and running of events.

GIS NTU Convention Center

B1F, No.65, Sec. 4, Roosevelt Rd., Zhongzheng Dist.,
Taipei City 106, Taiwan R.O.C.



Preliminary Program

Friday, March 8

08:30 – 09:00 Registration

09:00 – 09:20 Opening Ceremony

09:20 – 09:40 Keynote Speech (I)

09:40 – 10:00 Keynote Speech (II)

10:00 – 10:20 Keynote Speech (III)

10:20 – 11:00 Group Photo, Poster Session (I) and Coffee Break

11:00 – 12:20 Parallel Sessions (I)

12:20-13:10 Lunch and Board Meeting

13:10 – 14:30 Parallel Sessions (II)

14:30 – 15:00 Poster Session (II) and Coffee Break

15:00 – 16:20 Parallel Sessions (III)

16:20 – 17:00 Poster Award and Closing Ceremony

18:00 – 21:00 Banquet

Registration Information

Registration Categories	Registration Fees (NTD)	
	Before Dec.15.2018	After Dec.15.2018
Full fee	7,000 NTD	9,000 NTD
Faculties and Invited Speakers*	5,000 NTD	7,000 NTD
Students	4,000 NTD	6,000 NTD

* Discounts are available for faculties from NTUST, TU, Kyutech, or other sponsoring organizations and speakers invited by faculties from NTUST, TU and Kyutech.

1. Conference registration fee includes banquet, lunch and coffee breaks.
2. Registration forms are available on the website: <http://ifat.ntust.edu.tw>
3. One author registration is required for each paper submitted.
4. Students are asked to present student identity to receive discounts.
5. Each registered participant will receive a printed book of abstracts.
6. Refund policy: 80% refund for the cancellation before Dec. 29, 2018.

There will be NO refund after that date.

Registration and Payment

Payment must be made in New Taiwan Dollar (NTD) by credit card only.

The registration form and the credit card payment authorization form are available at <http://ifat.ntust.edu.tw>

Please fill out the forms and send them back by fax or e-mail.

Accommodation Information

1. Just Sleep

Website: <http://www.justsleep.com.tw/NTU/zh/index>

2. K Hotels Dunnan

Website: <http://dunnan.khotels.com.tw/zh-TW/>

3. HOWARD CIVIL SERVICE INTERNATIONAL HOUSE

Website: <http://www.howard-hotels.com.tw/en/civil-service/overview/>

4. Li Yuan

Website: https://www.imvr.net/hotel/liyuan/about_en.php

5. Taipei Fullerton Hotel

Website: <http://www.taipeifullerton.com.tw/>

Contact Information

Postal Address :

Office of Research and Development
National Taiwan University of Science and Technology
43, Sec. 4, Keelung Rd., Taipei 10607, Taiwan

TEL: +886-2-27376184 (Ms. Hsinyi Hsu) ; +886-2-27376217 (Mr. Yuanhan Yu)

Fax: +886-2-2738-1902 E-mail: shinyi@mail.ntust.edu.tw

Website: <http://ifat.ntust.edu.tw>



XXXXX XXXXX Laboratory

First Author1, Second Author1, Third Author2, Fourth Author2

Graduate Institute of Biomedical Engineering, National Taiwan University of Science and Technology
email:shinyi@mail.ntust.edu.tw

Abstract

Development ... Using Laser Diagnostics

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² National Taiwan University of Science and Technology, Taipei City 10607, Taiwan

³ Xi'an Jiaotong University, Xi'an, 710049, China

Abstract

Author(s) will be requested to submit **1 to 3-page** summary (pdf file) written in English. Use A4 size format and type your text in 10.5-point Times (New) Roman, single-spaced.

1. Introduction

Please briefly describe your research background and cite references at appropriate place.

2. Experimental setup

Figures and Tables may be included in the abstract^[1].

3. Results and discussion

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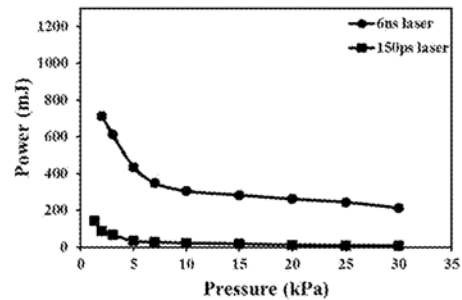


Fig.1 Air plasma generation threshold

4. Conclusion

1)

2)

References

- [1] M. Noda, Y. Deguchi, S. Iwasaki, N. Yoshikawa, "Detection of Carbon Content in a High Temperature and High Pressure Environment Using Laser-Induced Breakdown Spectroscopy". *Spectrochim. Acta, Part B*. 2002. 57: 701-709.

[2]

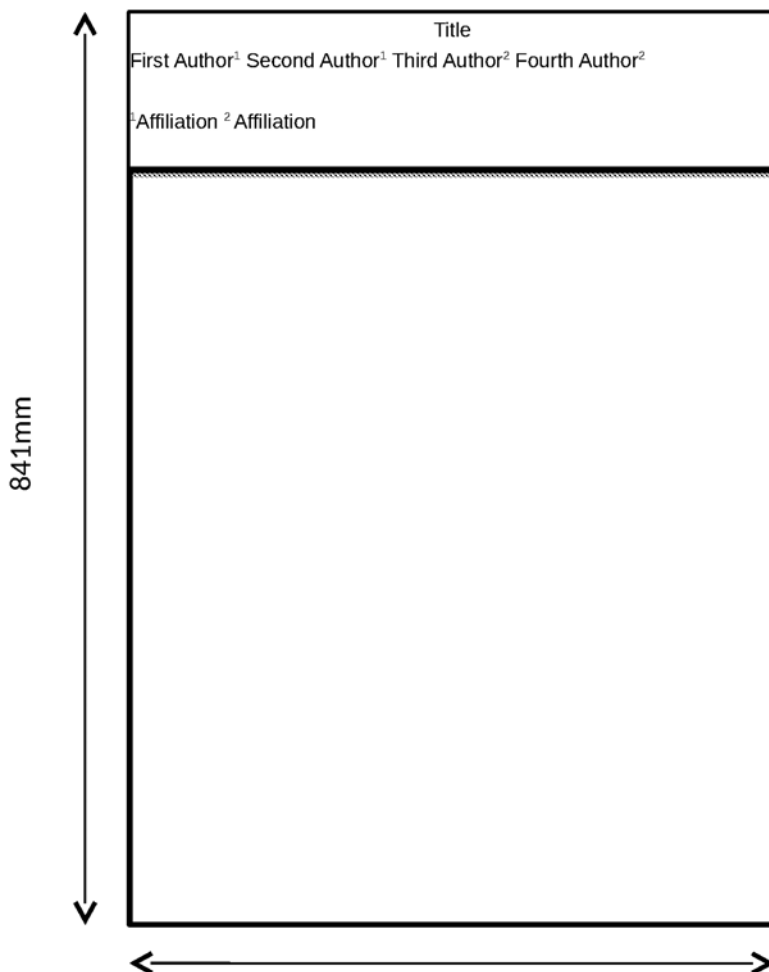
Poster Format

Content

A1 posters size should include abstract, introduction, methods, results, and a conclusion or summary at least. Texts should be concise and stick to the most important ideas. Details of your research can be provided in the oral discussion while the poster session. Graphs and figures are strongly encouraged to be used for illustrating your research work (figure caption is needed).

Format

1. Use bullet points to illustrate key ideas or discussions.
2. Use large fonts for texts.
3. Use underlines and bold face for key wordings.
4. Use graphs and figures.



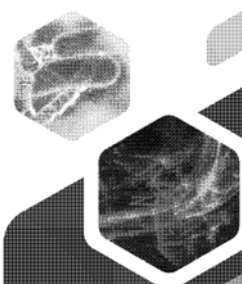


**IFAT
2019**

The 5th International Forum on Advanced Technologies 2019

[Friday] March 8

08:30 – 09:00	Registration
09:00 – 09:20	Opening Ceremony
09:20 – 09:40	Keynote Speech (I)
09:40 – 10:00	Keynote Speech (II)
10:00 – 10:20	Keynote Speech (III)
10:20 – 11:00	Group Photo, Poster Session (I) and Coffee Break
11:00 – 12:20	Parallel Sessions (I)
12:20 – 13:10	Lunch and Board Meeting
13:10 – 14:30	Parallel Sessions (II)
14:30 – 15:00	Poster Session (II) and Coffee Break
15:00 – 16:20	Parallel Sessions (III)
16:20 – 17:00	Poster Award and Closing Ceremony
18:00 – 21:00	Banquet



CALCULATION FOR THE FEES

Registration Categories	Registration Fee (NTD)	
	Before Dec.15, 2018	After Dec.15, 2018
Full fee	7,000.	9,000.
Faculties and Invited Speakers*	5,000.	7,000.
Students	4,000.	6,000.

* Discounts are available for faculties from NTUST, TU, KYUTECH faculty, or other sponsoring organizations and speakers invited by faculties from NTUST, TU and KYUTECH faculty.



IFAT 2019

Third International Forum on Advanced Technologies

March 8 , 2019

Registration Form

A. Calculation for the fee

Registration Categories	Registration Fee (NTD)		Subtotal (NTD) (Please fill in the box)
	Before Dec.15, 2018	After Dec.15, 2018	
Full fee	7,000.	9,000.	
Faculties and Invited Speakers*	5,000.	7,000.	
Students	4,000.	6,000.	
Total			

* Discounts are available for faculties from NTUST, TU, KYUTECH faculty, or other sponsoring organizations and speakers invited by faculties from NTUST, TU and KYUTECH faculty.

B. Payment Authorization

The only payment method is by credit card.

Your credit card will be used for the 2019 IFAT registration payment only.

Card Type	<input type="checkbox"/> VISA <input type="checkbox"/> MASTER CARD <input type="checkbox"/> JCB				
Issuing Bank		Card Holder's Name		Contact Telephone	
Credit Card Number	□□□□ — □□□□ — □□□□ — □□□□				
Valid until	____(MM)/____(YY)		Signature		
Total Payment (NTD, New Taiwan Dollar)					

B. Please choose your receipt title:

- ☐ Tokushima University
☐ Kyushu Institute of Technology
☐ Nation _____
☐ Other: _____

DO NOT FILL THE FOLLOWING TABLE! IT IS FOR THE BANK AUTHORIZATION.

本校填寫	商店代號	授權號碼	授權號碼取得日期
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