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受文者：國立臺北教育大學

發文日期：中華民國107年11月14日

發文字號：臺科大研字第1070108350號

速別：普通件

密等及解密條件或保密期限：

附件：如文 (A09640000Q0000000 A095M0000Q10701083500-1.pdf,
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A09640000Q0000000 A095M0000Q10701083500-7.ppt,
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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

國立臺北教育大學107.11.19



1070021515

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)

(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

本件擬刊登於本組網頁之「校外徵稿」項下，並彙整後e送全校教職員生公告週知。

出版組 陳侃倫 1119
約用行政組員 1106

如擬

出版組 柯志平 1119
組長 1627

代為決行

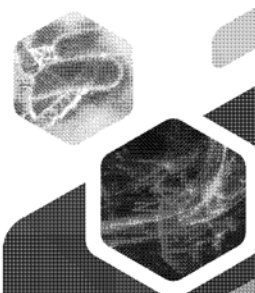


**IFAT
2019**

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



Introduction

The 5th International Forum on Advanced Technologies (IFAT 2019) will be held at GIG NTHU Convention Center on March 8. The objective of the Forum is to focus on the issues of the researches collaborated by National Taiwan University of Science Technology (NTUST), Yokohama University (YU) 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.

Key Conference information

Abstract Submission 26 October, 2018

First Notification of Paper Acceptance 3 January, 2019

Second Notification of Paper Acceptance 20 January, 2019

Early Bird Registration Due Date 15 December, 2018

Final Submission 25 January, 2019

Conference 8 March, 2019

*The official language of the conference is English

Conference Website

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



IFAT 2019

8 March 2019 / Friday

The 5th International Forum on Advanced Technologies 2019

Conference Secretary

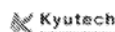
Mrs. Shih-Yi Hsu

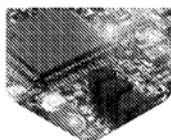
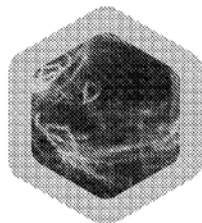
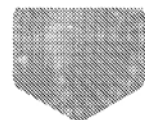
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Office of Research and Development

National Taiwan University of Science and Technology

Taipei 106, Taiwan





Conference Themes

- Nanotechnology and Advanced Materials
- Advanced Measurements and Plasma Technologies
- Advances in Processing and Manufacture of Electronic and Electrical Components
- Optical Engineering and Imaging Sensing Techniques
- Deteriorations and Retrofitting Techniques for Civil Engineering Structures
- Emerging Fields and New Technologies
- Industrial Management and Design

Abstracts

An extended abstract should be e-mailed to shiny@mail.ntust.edu.tw. No full paper is required.

Registration Fee

Conference registration fees include banquet, lunch and coffee breaks.

Registration forms will be available on the website: <http://ita.ntust.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
Faculties and Invited Speakers	5,000	7,000
Students	4,000	6,000

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

Chairs

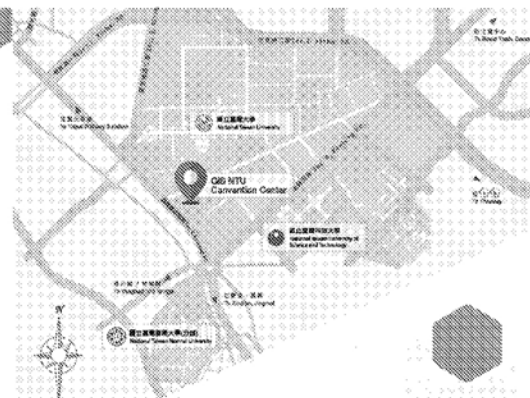
- Prof. Ching-Jong Liao
National Taiwan University of Science & Technology, Taiwan
- Prof. Sumihiko Naji
Tokushima University, Japan
- Prof. Masahito Matsunaga
Kyushu Institute of Technology, Japan

Co-Chairs

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National Taiwan University of Science & Technology, Taiwan
- Prof. Masaki Hashizume
Tokushima University, Japan
- Prof. Tetsuhide Ohno
Kyushu Institute of Technology, Japan

Scientific Committee

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National Taiwan University of Science & Technology, Taiwan
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Tokushima University, Japan
- Prof. Meng-Yi Bai
National Taiwan University of Science & Technology, Taiwan
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National Taiwan University of Science & Technology, Taiwan
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Tokushima University, Japan
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National Taiwan University of Science & Technology, Taiwan
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National Taiwan University of Science & Technology, Taiwan
- Prof. Shyan-Kung Lai
National Taiwan University of Science & Technology, Taiwan
- Prof. Meng-Jy Wang
National Taiwan University of Science & Technology, Taiwan
- Prof. Chao-Chang Arthur Chen
National Taiwan University of Science & Technology, Taiwan
- Prof. Meng-Ting Tsai
National Taiwan University of Science & Technology, Taiwan

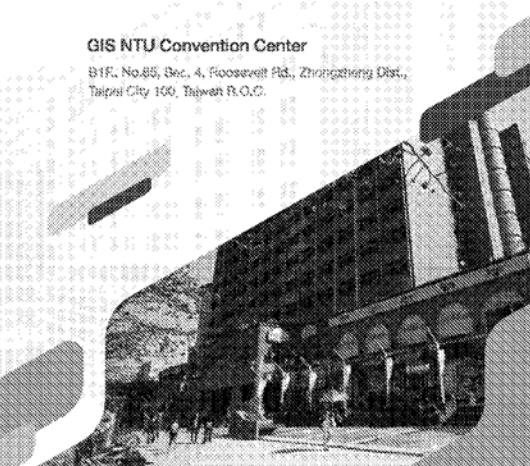


Venue

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 fully supplied with public parking and first-aid 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.85, Sec. 4, Roosevelt Rd., Zhongzheng Dist., Taipei City 100, 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>

Registration Form

REGISTRATION FORM

Please type or print your name.

Title* First Name* Last/Family Name*

Job Title Institution/Organization*

Department Telephone Number*

Mailing Address*

City State Zip Code Country

E-mail address*

Please specify your status:*

- ☐ Faculty from NTUST, TU and KYUTECH
☐ Faculty from sponsoring institution/organization
☐ Speaker invited by NTUST, TU and KYUTECH faculty
☐ Student
☐ Others

For attendee who need invitation letter for visa application purpose,
please provide the following information:

Passport No.*

Emergency Contact Person and Telephone Number*

E-MAIL: Please complete and return the
registration form and payment authorization
form to: shinyi@mail.ntust.edu.tw

TERMS AND CONDITIONS

By registration, the attendee agrees to the collection of contact and demographic information by NTUST during the conference. NTUST will share limited information in the official attendee list, but will not share contact information without further consent. NTUST will build a photo library for the conference. By attending, you grant consent to NTUST to use any photographs that may include you individually or in groups. These photographs are used in print, online, and all forms of electronic media both for reproduction and promotional use.

☐ *I have read and agree the terms and conditions of registration.

*Indicates required information. Not providing will delay registration.

Transportation

Transportation way to banquet venue:

- ☐ 1. By myself
☐ 2. Shuttle bus

(Meeting point: 6pm at the front gate of GIS NTU.)

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	☒ VISA ☒ MASTER CARD ☐ 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
	007041265169002		

經手人：

單位主管：

覆核：

機關長官：

████████████████████



Development ... Using Laser Diagnostics

Yoshihiro Deguchi^{1*}, Fang-jung Shiou² and Zhenzhen Wang³

The University of Tokushima, Tokushima 770-8501, Japan

* E-mail: ydeguchi@tokushima-u.ac.jp

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

.....

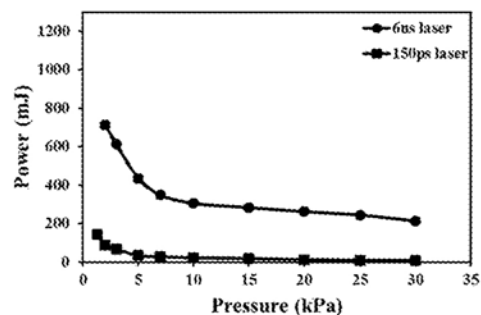


Fig.1 Air plasma generation threshold

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]

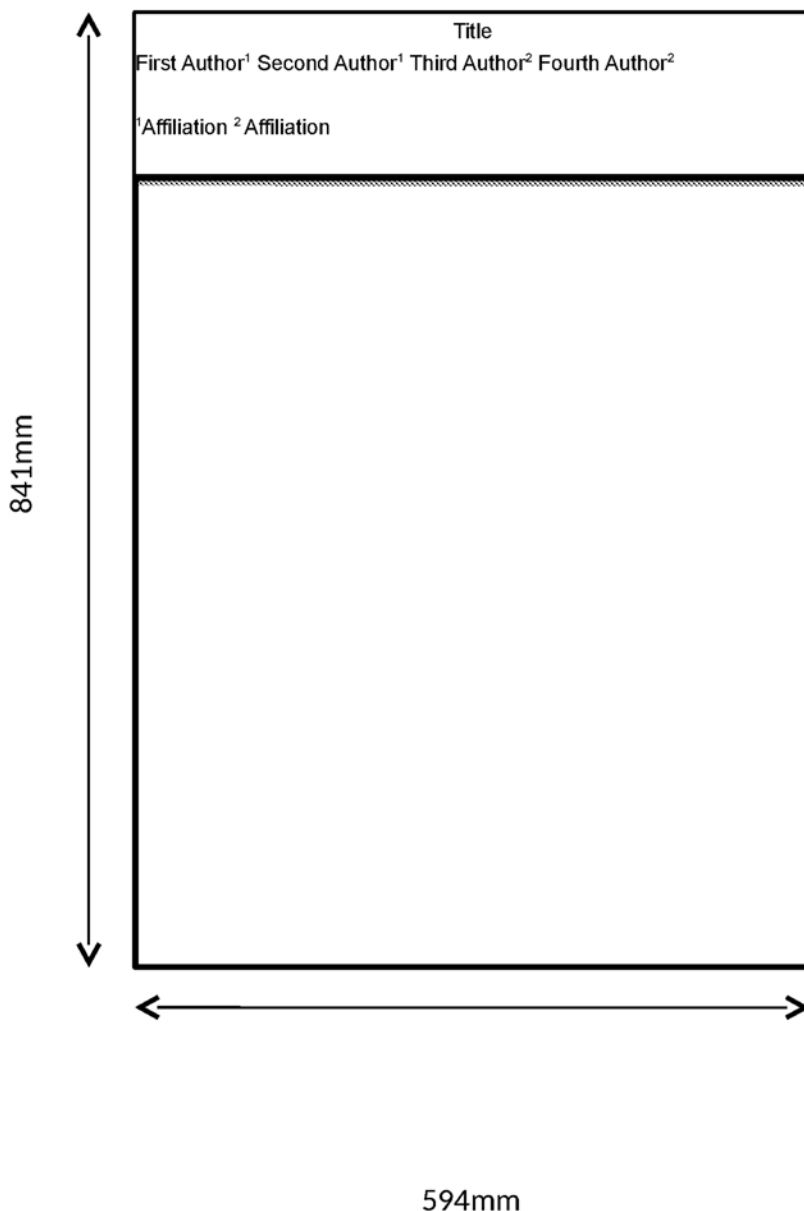
Poster Format

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.



XXXXX XXXXX Laboratory

First Author1, Second Author1, Third Author2, Fourth Author2

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email:shinyi@mail.ntust.edu.tw

Abstract