

**Kyoto (2000)**

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**9<sup>th</sup> PSE Asia**  
**4 (10:00) - 6 (17:00)**  
**Nov 2020**  
**Taipei Time Zone**

**Asynchronous  
Webinar**

**Asian Symposium on  
Process Systems Engineering**

<https://PSEAsia2020.org>

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# **9<sup>th</sup> PSE Asia Asynchronous Webinar**

## **User Guideline for Participants**



# Important Information



**9<sup>th</sup> PSE Asia** **Asynchronous Webinar** **Asian Symposium on Process Systems Engineering**  
4 (10:00) – 6 (17:00)  
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## 9<sup>th</sup> PSE Asia 2020 – Asian Symposium on Process Systems Engineering

Webinar : <https://pse2020.dlc.ntu.edu.tw/>

Date : 04 Nov 2020 (10:00) – 06 Nov 2020 (17:00), Taipei Time Zone (GMT+8)

Chair : Cheng-Liang Chen, National Taiwan University

Contact : [ccl@ntu.edu.tw](mailto:ccl@ntu.edu.tw)



# Course Invitation Letter

## Course Invitation



Chair, 9th PSE Asia 2020 <ccl@ntu.edu.tw>

You've been invited to participate in a class at pse2020.dlc.ntu.edu.tw. The class is called 9th PSE Asia 2020. Course role: Participants

Name: **Your Name**  
Email: **youremail@ntu.edu.tw**  
Username: **none**

You'll need to register with Canvas before you can participate in the class.

[Get Started](#)

Click this to get started  
when you received the  
"Invitation Letter"



# Create Account



**9<sup>th</sup> PSE Asia** **Asynchronous Webinar** **Asian Symposium on Process Systems Engineering**  
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## Welcome Aboard!

You've been invited to join **9<sup>th</sup> PSE Asia 2020**. To accept this request you need an account. Click the link below to create an account.

Create My Account

Click this to  
create account



# Password Setting



**9<sup>th</sup> PSE Asia**  
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## Welcome Aboard!

In order to finish signing you up for the course 9th PSE Asia 2020, we'll need a little more information.

Login:

Password:

Time Zone:

**1** Enter your own Password

**2** Click to Register

Please use the recommended web browsers:  
web browsers: Chrome, Firefox, Safari or Edge

# Home - Front Page

You will see the pages in the following starts from the second time login:

<https://pse2020.dlc.ntu.edu.tw/>

9<sup>th</sup> PSE Asia 2020

Home  
**Modules**

9<sup>th</sup> PSE Asia 2020

Available from 10:00 4<sup>th</sup> Nov to 17:00 6<sup>th</sup> Nov (Taipei Time Zone)

**9<sup>th</sup> PSE Asia Asynchronous Webinar Asian Symposium on Process Systems Engineering**

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Sections

- [PSE Asia 2020: Announcement and General Guidelines](#)
- [Keynote Speakers](#)
- [Process and Product Design](#)
- [Process Dynamics and Control](#)
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- [Energy System Analysis](#)
- [Artificial Intelligence and Big Data in Chemical Engineering](#)

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Nov 2020  
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Email  
Yourmail@ntu.edu.tw

Password  
\*\*\*\*\*

Stay signed in  
 Forgot Password?

**Log In** ← 1

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**9th PSE Asia 2020** ← 2

9th PSE Asia 2020

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# Home - Profile Customization (Optional)

The screenshot shows a user interface for the 9th PSE Asia 2020 conference. On the left is a dark blue navigation sidebar with icons and labels for 'Account', 'Dashboard', 'Courses', 'Calendar', and 'Inbox'. The 'Account' and 'Profile' options are highlighted with red boxes. The main content area features a profile section with a circular placeholder for a profile picture, the text 'Your name', and a 'Logout' button. Below this is a banner for the '9th PSE Asia Asynchronous Webinar Asian Symposium on Process Systems Engineering' held from Nov 4 to Nov 6, 2020, in Taipei Time Zone. The banner includes the website 'pse2020.org' and a list of past host cities: Taipei (2002), Seoul (2005), Xi'an (2007), Singapore (2010), Kuala Lumpur (2013), Tokyo (2016), and Bangkok (2019). Below the banner are several blue hyperlinks for various topics: 'Announcement and General Guidelines', 'Process Design and Control', 'Process Analysis and Optimization', 'Process Safety and Safety', 'Process Simulation', 'Process Analysis', and 'Process and Big Data in Chemical Engineering'. On the right side of the page, there are two buttons: 'View Course Stream' and 'View Course Calendar'. Below these are sections for 'To Do' (Nothing for now) and 'Recent Feedback' (Nothing for now).

**Note:**  
 This action can help others understand you and increase the exposure of your videos in this conference



# Home - Profile Customization (Optional)

**Note:**  
This action can help others understand you and increase the exposure of your videos in this conference



- Account
- Dashboard
- Courses
- Calendar
- Inbox

- Notifications
- Profile
- Files
- Settings
- ePortfolios



Click this to **upload** your own **photo** for identification

Click this to **customize** profile

Select Profile Picture

Upload a Picture Take a Picture From Gravatar

Cancel Save

Name:  Cancel Editing

Your name ← **Display Name**

Title:  ← **Current Title, University/Company**

Biography  ← **Introduction to yourself**

Links ← **It is suggested to add the URL of your submission**

Title	URL
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

Add another link

Cancel Save Profile

Example

Title

URL

210002 Hollow-fiber based Rapid Temperature Swing Adsorption Process for Carbon Capture from Coal-fired Power Plant

<https://pse2020.dlc.ntu.edu.tw/courses/2/modules/items/319>





# Home - Profile Customization (Example)

9<sup>th</sup> PSE Asia  
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Cheng-Liang Chen's Profile

Account

Notifications

Profile

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Settings

ePortfolios

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Courses

Calendar

Inbox

Cheng-Liang Chen

Professor, Chair of the 9th PSE Asia 2020

Biography

Professor  
Department of Chemical Engineering  
National Taiwan University  
Taipei 10617, TAIWAN

B.S. Ch.E. National Taiwan University, 1979  
M.S.Ch.E. National Taiwan University, 1981  
PhD.Ch.E. National Taiwan University, 1987  
TEL : 886-2-3366 3039  
FAX : 886-2-3366 1784  
E-mail : CCL@ntu.edu.tw

Industry-related Experience:

Board Member, China Petroleum Company (2008/9 - 2013/5)  
Board Member, China-American Petroleum Company (2013/7 - 2017/2)  
Director, Petrochemical Research Center, NTU (2010/8 - 2016/7)  
Deputy Executive Director, Energy Research Center, National Taiwan University (2011/11 - 2013/12)  
Deputy Executive Director, National Science and Technology Program on Energy (2011/11 - 2013/12)

Links

- 210002 Hollow-fiber based Rapid Temperature Swing Adsorption Process for Carbon Capture from Coal-fired Power Plant
- 210003 Energy-efficient Design of Bio-butanol Purification Process from Acetone-Butanol-Ethanol Fermentation
- 210080 Feasibility Analysis of Oxy-fuel Power Generation System with CO<sub>2</sub> Capture using the Liquefied Natural Gas
- 210125 Novel Ethyl Lactate Production Process Design using Reactive Distillation and Distillation-Pervaporation Configuration

Edit Profile

**Profile picture,  
name and title**

**Note:**  
This action can help others understand you and increase the exposure of your videos in this conference

**A brief introduction**

**List of submissions  
in 9<sup>th</sup> PSE Asia 2020**



Press **Ctrl + F** to search  
Enter the Title/Paper no./Name as key words

# Modules - Content Page



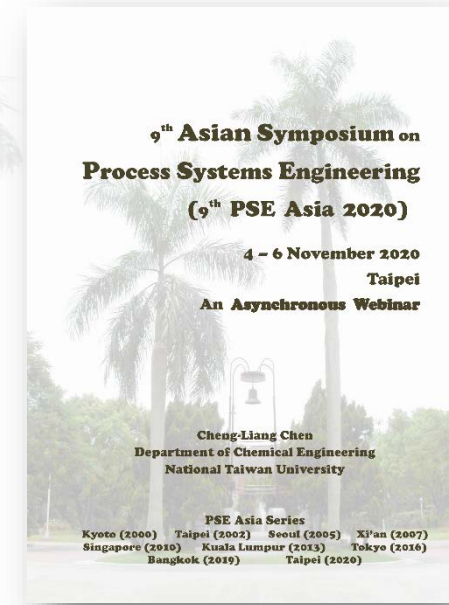
9<sup>th</sup> PSE Asia 2020 > Modules

- Account
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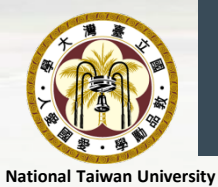
Home  
Modules

▼ 9th PSE Asia 2020: Announcement and General Guidelines	<b>Announcement</b>
🔗 9th PSEAsia2020 Opening Speech	
📎 9th PSEAsia2020 Bulletin.pdf	(One can download the <b>Bulletin</b> here)
📎 9th PSE Asia 2020 Webinar User Guideline for Participants.pdf	

▼ Keynote Speakers	<u>It is available from 10am on 4<sup>th</sup> November to 5pm on 6<sup>th</sup> November 2020</u>
👤 <b>Chair : Raymond Tan</b> (210077-210089)	
🔗 210077 Bayesian approaches for chemical process modeling	
Prof Yoshiaki Kawajiri, (Nagoya University);	
🔗 210084 QMaC A Quantum mechanics Machine learning-based Computational tool for chemical product design	
Dr Lei Zhang, (Dalian University of Technology); Mr Qilei Liu, (Dalian University of Technology ); Dr Linlin Liu, (Dalian University of Technology ); Prof Jian Du, (Dalian University of Technology );	

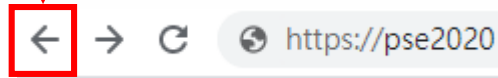


- Section's Chair
- Video, click to play
- Author(s)
- Video
- Author(s)



# Video Page

**Back** NOTE: It is recommended to use the **Back** button on the Top Left of the browser for the purpose of returning to the previous position in the Content Page .



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9<sup>th</sup> PSE Asia 2020 > Modules > Keynote Speakers > 210077 Bayesian approaches for chemical process modeling

## 210077 Bayesian approaches for chemical process modeling

Bayesian approaches for chemical process modeling

November 2020  
Asian Symposium on Process Systems Engineering

4x  
3x  
2.5x  
2x  
1.75x  
1.5x  
1.25x  
1x  
0.75x

Progress Adjustment

Play video

Leave your Questions/Comments here

NOTE: Press **Enter** to submit your comment  
(Line break is not available)

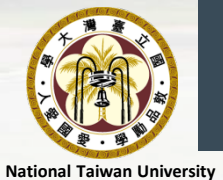
Playback Rate

Video Resolution

Full Screen

Comments Watch Record

Please use the recommended web browsers: Chrome, Firefox, Safari or Edge



# Video Page – Comment and Reply

Enter your comment

Anonymous to classmates Comment at 8:36

Comments Watch Record

Sort by

P3 Participant 003 a few seconds ago

+ This is the second question.

Reply

Heading 2

The author is replying the second question...

Anonymous to classmates Cancel Save

← Leave your **Questions or Comments** here  
Press **Enter** to submit your comment  
(Line break is not available)

**Edit Comment**

**Delete Comment**

← The question correspond to the video progress  
This may help the authors and participants to clarify where the question comes from

**Like** →

Click this if you agree with this comment

← **Click to reply a specific question.**

← **Customize toolbar**

← Leave your **reply** here  
(Line break is available here)

← Click to **submit**

8:36

P1 Participant 001 Edited a few seconds ago 8:36

+ A participant asked a question.

Au Author Edited a few seconds ago

+ The author answered the question.

P2 Participant 002 Edited a few seconds ago

+ Another participant joined the discussion.

Reply

Please use the recommended web browsers: Chrome, Firefox, Safari or Edge



# Quizzes – Feedback

9<sup>th</sup> PSE Asia 2020

Available from 10:00 4<sup>th</sup> Nov to 17:00 6<sup>th</sup> Nov 2020 (Taipei Zone)

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- [Energy System Analysis](#)

To Do

- Feedback Nov 6 at 11:59pm |

Feel free to leave your thoughts and suggestions to this conference

Your **feedback** is the source of our **motivation**

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**Comments and Suggestions  
are Welcome**

**Thank you**

Please don't hesitate to leave questions below the Opening Speech,  
if you encounter any obstacles during the conference.

