

# 26th ICPR 2021

International Conference on Production Research  
July 18-21, 2021 Tunghai University





# July 19, 2021

**07:00-08:30 PM**

## **Opening Ceremony**

Chin-Yin Huang, Ph.D. (Tunghai University)

## **Keynote Speech 1**

Shimon Y. Nof, Ph.D. (Purdue University)

*Challenges and Contributions to Intelligent and Transformative Production Before, During, and Beyond Pandemic Times*

**08:30-09:30 PM**

## **Keynote Speech 2**

Alexandre Dolgui, Ph.D. (IMT Atlantique)

*History and Current State of the IJPR*

**09:30-10:30 PM**

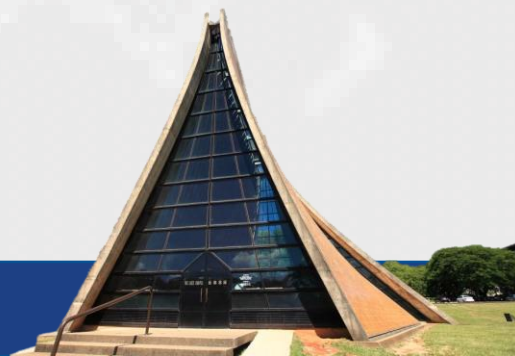
## **Parallel Technical Sessions**

**10:30-10:40 PM**

## **Chat Time**

**10:40-11:40 PM**

## **Parallel Technical Sessions**





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## Opening Ceremony

**Chin-Yin Huang, Ph.D.**

*Tunghai University Professor, Department of Industrial Engineering & Enterprise Information  
International Foundation for Production Research*

*Vice President and Chairman of Asia-Pacific Region*

*Asia Pacific Industrial Engineering and Management Society (APIEMS) Board Member*

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## Keynote Speech 1

**Shimon Y. Nof, Ph.D. (*Purdue University*)**

*Challenges and Contributions to Intelligent and Transformative  
Production Before, During, and Beyond Pandemic Times*



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## Keynote Speech 2

**Alexandre Dolgui, Ph.D. (*IMT Atlantique*)**

*History and Current State of the IJPR*



# Parallel Technical Sessions

**09:30-10:30 PM**

- 19101 Impact of the Pandemic on Industry and Production (IP)**
- 19102 Supply Chain Management (SM)**
- 19103 Supply Chain Management (SM)**
- 19104 Manufacturing: System & Automation (MS)**
- 19105 Internet of Things, Data Analytics and Smart Manufacturing (IT)**
- 19106 Industrial Engineering and Operations Research (IE)**
- 19107 Sustainable Production (SP)**
- 19109 PRISM30 (PR)**
- 19110 New Product Development and Innovation Management (NP)**



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## Chat Time 10:30-10:40 PM





# Parallel Technical Sessions

## 10:40-11:40 PM

- 19201**    **Impact of the Pandemic on Industry and Production (IP)**
- 19202**    **Supply Chain Management (SM)**
- 19204**    **Manufacturing: System & Automation (MS)**
- 19205**    **Internet of Things, Data Analytics and Smart Manufacturing (IT)**
- 19206**    **Industrial Engineering and Operations Research (IE)**
- 19207**    **Sustainable Production (SP)**
- 19209**    **PRISM30 (PR)**
- 19210**    **New Product Development and Innovation Management (NP)**

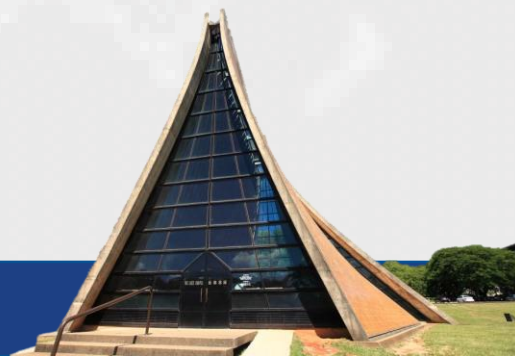






# July 20, 2021

- 07:00-08:30 PM Editorial Forum**  
Dr. Rob Dekkers (University of Glasgow)
- 08:30-09:30 PM Keynote Speech 3**  
Oliver Riedel, Ph.D. (Fraunhofer Institute for Industrial Engineering IAO)  
*Smart and Resilient Manufacturing as Answer to Pandemic  
Effects on Manufacturing Economy*
- 09:30-10:30 PM Parallel Technical Sessions**
- 10:30-10:40 PM Chat Time**
- 10:40-11:40 PM Parallel Technical Sessions**



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## Editorial Forum

**Dr. Rob Dekkers** (*University of Glasgow*)



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## Keynote Speech 3

**Oliver Riedel, Ph.D.**

*(Fraunhofer Institute for Industrial Engineering IAO)*

*Smart and Resilient Manufacturing as Answer to Pandemic  
Effects on Manufacturing Economy*



# Parallel Technical Sessions

**09:30-10:30 PM**

- 20101 Impact of the Pandemic on Industry and Production (IP)**
- 20102 Supply Chain Management (SM)**
- 20103 Logistics Engineering and Management (LE)**
- 20104 Manufacturing: System & Automation (MS)**
- 20105 Internet of Things, Data Analytics and Smart Manufacturing (IT)**
- 20106 Industrial Engineering and Operations Research (IE)**
- 20107 Sustainable Production (SP)**
- 20108 IFPR Women in Production Research Forum (FW)**
- 20109 Quality Engineering and Management (QE)**
- 20110 New Product Development and Innovation Management (NP)**





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## Chat Time 10:30-10:40 PM



# Parallel Technical Sessions

## 10:40-11:40 PM

- 20201**    **Impact of the Pandemic on Industry and Production (IP)**
- 20202**    **Supply Chain Management (SM)**
- 20203**    **Logistics Engineering and Management (LE)**
- 20205**    **Digital and Cyber Manufacturing and Services (DC)**
- 20206**    **Industrial Engineering and Operations Research (IE)**
- 20207**    **Healthcare Management (HM)**
- 20208**    **Production Tutorial (PT)**
- 20209**    **Quality Engineering and Management (QE)**

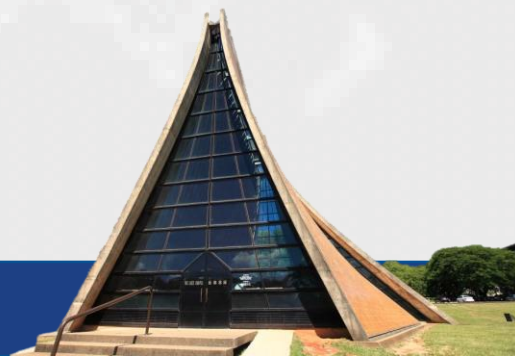






# July 21, 2021

- 07:00-08:00 PM    Keynote Speech 4**  
Kenichi Funaki, Dr. Engineering (Hitachi Ltd.)  
*How to Create Business in the Age of Experience Economy- Let's Do Research on Experience Production!*
- 08:30-09:30 PM    Conference Closing Ceremony**  
**Keynote Speech 5**  
Morris Fan, Ph.D. (Taipei Tech.)  
*Assisted Intelligence (AI) Application in Taiwan*
- 09:30-10:00 PM    Chat Time**
- 10:00-11:30 PM    Parallel Technical Sessions**



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## Keynote Speech 4

**Kenichi Funaki, Dr. Engineering** (*Hitachi Ltd.*)

*How to Create Business in the Age of Experience Economy-  
Let's Do Research on Experience Production!*



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# Conference Closing Ceremony

**Chin-Yin Huang, Ph.D. (*Tunghai University*)**

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## Keynote Speech 5

**Morris Fan, Ph.D. (Taipei Tech.)**

*Assisted Intelligence (AI) Application in Taiwan*



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## Chat Time 09:30-10:00 PM



# Parallel Technical Sessions

**10:00-11:30 PM**

- 21101 Industrial Engineering and Operations Research (IE)**
- 21102 Supply Chain Management (SM)**
- 21103 Smart City (SC)**
- 21104 Manufacturing: System & Automation (MS)**
- 21105 Digital and Cyber Manufacturing and Services (DC)**
- 21106 Industrial Engineering and Operations Research (IE)**
- 21107 Healthcare Management (HM)**
- 21109 Human Factors Engineering (HF)**
- 21110 New Product Development and Innovation Management (NP)**

