

# 2026台灣化學產業高峰論壇議程(實體)

化學產業關鍵轉折：產能與供應鏈調整下的綠色材料與新興應用

Chemical Industry in Critical Transition: Green Materials and Emerging Applications

2026年8月26日(三)台大醫院國際會議中心2樓201(實體論壇)Physical Forum

| TIME        | 議 程 AGENDA                                                                                                                                                                                                                                                                                                                                          |            |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 09:00-09:30 | <b>開幕式及來賓致詞 Opening Ceremony and Welcome Remarks</b><br>大會主席：台灣化學產業協會 陳偉望理事長<br>Chairperson: Wei-wang Chen, Chairman , TCIA remarks<br>經濟部產業發展署 邱求慧署長<br>Chiou, Chyou-Huey, Director General, Industrial Development<br>Administration, Ministry of Economic Affairs                                                                                | 30<br>mins |
| 09:30-09:40 | <b>2026產業菁英獎暨產品創新獎頒獎典禮</b><br>Ceremony for 2026 Chemical Award of Excellence                                                                                                                                                                                                                                                                        | 10<br>mins |
| 09:40-10:10 | <b>Keynote 1: Chemicals 2030: Navigating Middle East Disruption, Capacity Overhang, and the Shift to Green and High-Value</b><br>Speaker: Alvin Ang, Director, Asia Inorganics and Vinyls, S&P Global Energy<br>Moderator: Wei-Wang Chen , Chairman, TCIA<br>主持人：台灣化學產業協會 陳偉望理事長<br>Moderator: Wei-Wang Chen , Chairman, TCIA                       | 30<br>mins |
| 10:10-10:40 | <b>茶歇(歡迎參觀展區)</b><br>Tea Break (Exhibition Area Open for Visit)                                                                                                                                                                                                                                                                                     | 30<br>mins |
| 10:40-11:20 | <b>Keynote 2: Advanced Packaging Materials: Global Development Trends and AGC's R&amp;D Synergy with Taiwan's Ecosystem</b><br>主講者：Dr. Morino Masayuki 森野正行, Director, Marketing Group, Asahi Glass Co., Ltd.<br>主持人：台灣化學產業協會 李宗銘副理事長<br>Moderator: Tzong-Ming Lee, Vice Chairman, TCIA<br>Vice President, Industrial Technology Research Institute | 40<br>mins |
| 11:20-12:00 | <b>Keynote 3: Data-Driven Modeling and AI for Autonomous Chemical Plant Operations</b>                                                                                                                                                                                                                                                              | 40<br>mins |

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| TIME         | 議 程 AGENDA                                                                                                                                                                                                                                                                                                                                                 |         |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
|              | <b>Speaker: Mr. Sebastian Guese, Global Head of Technology &amp; Vertical Market Development, Chemical Industry, Siemens AG</b><br><br>主持人: 馬振基副理事長 台灣化學產業協會/清華大學榮譽教授<br>Moderator: Chen-Chi Ma, Vice Chairman                                                                                                                                             |         |
| 12:00-12:15  | <b>TCIA第8-3次會員大會 20256members' annual meeting</b>                                                                                                                                                                                                                                                                                                          | 15 mins |
| 12:15-13:30  | <b>午餐及參觀攤位 Lunch</b>                                                                                                                                                                                                                                                                                                                                       | 75 mins |
| 13:30 -14:10 | <b>Keynote 4: High Performance Polymers for Electronic Applications: Photosensitive Polyimides ( PSPIs) as a Foundation for Material Innovation</b><br><br><b>Speaker: Dr. Mitsuru Ueda, Emeritus professor, Tokyo institute of technology and Distinguished chair professor, NTU</b><br><br>主持人: 國立臺灣大學陳文章校長<br>Moderator: Wen-Chang Chen, President, NTU | 40 mins |
| 14:10-14:50  | <b>Keynote 5 : III-V van der Waals Crystals for Memristive Semiconductors</b><br><br><b>Speaker: Prof. Wooyoung Shim/Department of Materials Science &amp; Engineering, Yonsei University</b><br><br>主持人: 台灣化學產業協會 林欽洲副理事長<br>Moderator: Joey Lin, Vice Chairman, TCIA / Vice President, LCY Chemical Co.                                                  | 40 mins |
| 14:50 -15:20 | <b>休息 Break</b>                                                                                                                                                                                                                                                                                                                                            | 30 mins |

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| TIME | 議 程 AGENDA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      | <p><b>Panel Discussion: High value and Green Chemical Transformation Strategies for chemical industry</b></p> <p>主持人: 吳紀聖教授 / 台灣大學化學工程系 (NTU)</p> <p><b>Moderator: Jeffrey Chi-Sheng Wu, Prof., Dept. of Chemical Engineering, NTU</b></p> <p>與談人 <b>Panelists:</b></p> <ol style="list-style-type: none"><li>1. Prof. Mitsuru Ueda   Emeritus professor, Tokyo Institute of Technology / Distinguished Chair Professor, NTU</li><li>2. Alvin Ang, Director, Asia Inorganics and Vinyls, S&amp;P Global Energy</li><li>3. Mr. Terry Tsao   Global Chief Marketing Officer and President of Taiwan, SEMI (SEMI 全球行銷長暨台灣區總裁 曹世綸)</li><li>4. Dr. Jeffrey Chiou   General Director of MCL, ITRI (工研院材化所邱國展所長)</li><li>5. Dr. Alice Wang   Director, WISE Business Group, Advantech</li><li>6. Prof. Wooyoung Shim   Department of Materials Science &amp; Engineering, Yonsei University</li></ol> <p><b>15:20-16:40</b></p> <p><b>80 mins</b></p> <p><b>題綱 / Topic Outline</b></p> <ol style="list-style-type: none"><li>1. Panelists' experiences with high-value and low-carbon transformation.<br/>經驗分享: 推動高價值與低碳轉型的實務經驗</li><li>2. Suggestions on talent cultivation, R&amp;D, and industrial intelligence.<br/>關鍵建議: 針對人才培育、研發 (R&amp;D) 及產業智慧化的關鍵建議</li><li>3. Recommendations for government policies and chemistry industries on high-value and intelligent transformation.<br/>政策與產業建言: 對政府政策及化學產業在邁向高價值與智慧化轉型上的具體建言</li></ol> |

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Chemical Industry in Critical Transition: Green Materials and Emerging Applications

2026年8月27日(四)(線上分論壇) online seminar

| 時 間 TIME     | 上午 議 程 AGENDA                                                                                                                                       |         |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 09:00-09:05  | 線上分論壇A.『化學材料低碳智慧轉型』<br>『low carbon digital transformation』Session<br>主持人：馬振基TCIA副理事長<br>Moderator: Chen-Chi Ma, Vice Chairman                       | 5 mins  |
| 09:05-09:45  | 專題1: AI 在化學品研發設計應用-低碳+智慧轉型<br>講師：李奕霈教授/國立臺灣大學化工系<br>Speaker: Dr. Yi-Pei Li, Assistant Prof., Dept. of Chemical Engineering, NTU                     | 40 mins |
| 09:45-10:15  | 專題2: 無人機 (或含機器人) 材料<br>講師：李世陽經理/工研院材化所<br>Speaker: Shih-Yang Lee, Manager, Material and Chemical Research Laboratories, ITRI                        | 30 mins |
| 10:15-10:45  | 專題3: 全球PFAS禁令風暴與國內外法規動態：化學產業的合規挑戰與綠色轉型對策<br>講師：劉耕硯博士/永豐環境管理顧問股份有限公司 (ERM Taiwan) 合夥人<br>Speaker: Ken-Yen Liu, ERM Taiwan Partner                    | 30 mins |
| 10:45-11:15  | 專題4: 新型反應型藍光吸收劑<br>講師：姚啟祥處長/永光化學特化研發處<br>Speaker: Chi-Hsiang Yao, Director, Specialty Chem. R&D Division, Everlight Chemical Industrial Corporation | 30 mins |
| 11.:15-11:45 | 專題5: 從 pH 數位電極自動化看高階製程的「數據信任革命」<br>講師：許培楨董事總經理/擎傑企業有限公司<br>Michael Hsu, Managing Director, Kingjarl corporation                                     | 30 mins |
| 11:45-11:50  | 主持人結語 Conclusion Remarks                                                                                                                            | 5 mins  |

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| 時 間 TIME    | 下午 議 程 AGENDA                                                                                                                                                                                                                                                   |                |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 14:00-14:05 | <b>B.『化學材料跨產業應用』『Emerging Applications transformation』</b><br>主持人：陳哲陽特聘研究<br><b>Moderator: Dr. Jer-Young Chen , Material and Chemical Research Laboratories, ITRI</b>                                                                                           | <b>5 mins</b>  |
| 14:05-14:45 | <b>專題6: AI時代PCB的發展趨勢和材料業的機會和策略</b><br>講師：張淵崧經理/工研院產科所電子系統組<br><b>Speaker: Yuan-Sung Chang, Manager, ITRI/ISTI/Materials &amp; Chemical Industry Research Division</b>                                                                                           | <b>40 mins</b> |
| 14:45-15:15 | <b>專題7: 綠色化學新動能: 低碳生質材料在複合材料研發與化學原料替代之<br/>加值應用</b><br><b>From Carbon Storage to High Value Materials: Lignocellulosic Biomass Solutions</b><br>講師：張豐丞教授/國立臺灣大學森林系<br><b>Speaker: Feng-Cheng Chang, Prof., Dept. of Forestry and Resource Conservation, NTU</b> | <b>30 mins</b> |
| 15:15-15:45 | <b>專題8: 半導體低碳循環技術</b><br>講師：賴秋助副所長/工研院材化所<br><b>Speaker: Chiou-chu, Lai, Deputy General Director, Material and Chemical Research Laboratories, ITRI</b>                                                                                                         | <b>30 mins</b> |
| 15:45-16:15 | <b>專題9: 以廢PET高值再製之低碳高性能環保可塑劑</b><br>講師：馬潮軫研發長/聯成化科<br><b>Speaker: CJ Maa, Group Head of R&amp;D , UPC Technology Corporation</b>                                                                                                                                | <b>30 mins</b> |
| 16:15-16:20 | 主持人結語 <b>Conclusion Remarks</b>                                                                                                                                                                                                                                 | <b>5 mins</b>  |
| 16:20-16:25 | 閉幕式 <b>Closing Ceremony</b>                                                                                                                                                                                                                                     | <b>5 mins</b>  |

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| 時 間 TIME | 下午 議 程 AGENDA                                        |
|----------|------------------------------------------------------|
|          | 台灣化學產業協會 陳偉望理事長<br>Dr. Wei-Wang Chen, Chairman, TCIA |

註：主辦單位保留議程變更之權利