

# 2024 International IDG Forum: From Aerosol Sciences Toward a Sustainable Earth

## 2024 國際IDG論壇：從氣膠科學看地球永續的挑戰與願景



Date 日期 : 2024/11/11 (Mon)  
Time 時間 : 09:30-17:30

Lecture Hall, South Complex, National Science and Technology Museum  
Location 地點 : (Address: 720 Jiuru 1st Rd., Sanmin Dist., Kaohsiung City, 807412, Taiwan, R.O.C.)  
國立科學工藝博物館南館演講廳 S112 (高雄市三民區九如一路797號)

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| 開場致詞 Opening Remarks :         |                                                                                                                                                                                                                                                                                                         |
| 9:30-9:40                      | Minister Ying-Yao Cheng, Ministry of Education<br>教育部 鄭英耀部長<br>President Chih-Peng Li, National Sun Yat-sen University<br>國立中山大學 李志鵬校長<br>國立科學與工藝博物館 李秀鳳館長                                                                                                                                              |
|                                | Ecology Theater Art Performance:<br>「The Quest of Electron Clouds」<br>生態劇場展演：「電子雲的冒險旅程」<br>Prof. Chia C. Wang, NSYSU, Taiwan<br>Prof. I-Lien Ho, NSYSU, Taiwan<br>Ms. Chi-Hsin Chen, Moon Voice, Taiwan                                                                                                 |
| 10:00-10:30                    | Prof. Pao-Kuan Wang (王寶貴院士)<br>Academia Sinica & NSYSU, Taiwan<br>Title : Aerosol, Clouds and Climate                                                                                                                                                                                                   |
| Session I : Aerosol sciences   |                                                                                                                                                                                                                                                                                                         |
| 10:30-11:00                    | Prof. Ralf Zimmermann<br>Helmholtz Zentrum Munich & University of Rostock, Germany<br>Title : Impact of atmospheric aging on the toxicity of the emissions from biomass combustion and traffic : Evidence from in vitro and in vivo experiments                                                         |
| 11:00-11:30                    | Prof. Avidan Neumann<br>Institute of Environmental Medicine, Helmholtz Zentrum München, Germany<br>Title : “Early and accurate predictors of COVID-19 disease severity and correlates of immune protection in asymptomatic SARS-CoV-2 infection”                                                        |
| 11:30-11:50                    | Prof. Wei-Hsiang Chen (陳威翔 所長)<br>Institute of Environmental Engineering & Aerosol Science Research Center, NSYSU, Taiwan<br>Title : Occurrence of antibiotics and antibiotic resistance in wastewater treatment processes and their bioaerosol emissions                                               |
| 11:50-12:10                    | Dr. Johannes Passig<br>University of Rostock, Germany<br>Title: New insight into the dynamics and mixing state of aerosols by single particle mass spectrometry                                                                                                                                         |
| 12:10-12:30                    | Prof. Chia C. Wang (王家禔 主任)<br>Department of Chemistry & Aerosol Science Research Center, NSYSU, Taiwan<br>Title : “Lessons learned from COVID-19 pandemic : Facilitating the paradigm shift by IDGs for a sustainable future”                                                                          |
| 12:30-13:30 Lunch              |                                                                                                                                                                                                                                                                                                         |
| Session II : SDGs x IDGs x ESG |                                                                                                                                                                                                                                                                                                         |
| 13:30-14:00                    | Prof. Hsunling Bai (白曠綾 教授)<br>Aerosol Science Research Center, NSYSU, Taiwan<br>Title: Using En-Roads as a Tool to Bring Hope to Climate Action and its SDGs X IDGs implication                                                                                                                        |
| 14:00-14:30                    | Prof. Tsai Jong-Rung (蔡忠榮 副院長)<br>Department of Respiratory Therapy, Kaohsiung Medical University, Taiwan<br>Title: Health impact of air pollution                                                                                                                                                      |
| 14:30-15:00                    | Prof. Danny Yeung<br>Department of Psychiatry, University of Toronto, Canada<br>Title: “Those Who Listen, Change The World”: The art of dyadic heartfelt listening in the Spirit of Accelerated Experiential Dynamic Psychotherapy (AEDP) and how it can be transformative for future societal leaders” |
| 15:00-15:20                    | Coffee Break                                                                                                                                                                                                                                                                                            |
| 15:20-15:50                    | Maria Grazia Testa<br>IDG Global Coordinator, and Founder of Ecologies and of The Best Journey Ever, Amsterdam, Netherlands<br>Title : Today’ s Business Imperative : Driving Sustainability through Innovation, Collaboration, and Transformation                                                      |
| 15:50-16:10                    | 賴懷仁 資深處長 聯華電子 風險管理暨安環處<br>Title : 淺談半導體廠奈米微粒暴露評估及ESG推動實務<br>A Brief Discussion on Nanoparticle Exposure Assessment and ESG Implementation Practices in Semiconductor Factories                                                                                                                          |
| 16:10-16:30                    | 台灣港務公司<br>Title : TBD                                                                                                                                                                                                                                                                                   |
| 16:30-17:00                    | Crystal Huang and Jayce Lee<br>IDG Taiwan Social Arts Network, Taipei<br>Title: From Perception to Action: The Path of Theory U in Leading Organizational Change (從感知到行動:U型理論引領組織變革的路徑)                                                                                                                 |
| 17:00-17:20                    | Open Discussion                                                                                                                                                                                                                                                                                         |
| 17:20-17:30                    | Concluding Remark                                                                                                                                                                                                                                                                                       |

Organizer 主辦單位 : Aerosol Science Research Center, National Sun Yat-sen University 國立中山大學氣膠科學研究中心,Taiwan Kaohsiung IDG Hub  
Co-organizers 合辦單位 : AIR HoPE 產學研發中心、台灣PM2.5監測與控制產業發展協會、 IDG Asian Wisdom Network、 台灣港務公司、國立科學工藝博物館、台灣氣膠研究學會、台灣室內環境品質管理協會、高雄市立大同醫院



報名連結