



2021 精準環境醫學國際研討會

- 空氣品質與健康之新興科學連結

2021 International Symposium of Precision Environmental Medicine-
Emerging scientific links between Air Quality and Health
September 27, 2021 Kaohsiung, Taiwan (Virtual conference)

Time	Programme/ Speakers	Moderator
8:30 - 9:00	Log in to Online	
9:00 - 9:30	Opening Remarks President / Kung-Yee Liang National Health Research Institutes President / Chun-Yuh Yang Kaohsiung Medical University Director / Pau-Chung Chen National Institute of Environmental Health Sciences – National Health Research Institutes	
9:30 - 9:40	Group photo	
9:40 - 10:10	<u>Keynote Speech I</u> The toxicology studies of the health effects of particulate matter components Lung-Chi Chen, Ph.D., Professor (New York time 22:00) Department of Environmental Medicine, NYU School of Medicine	Ming-Tsang Wu Director / Distinguished Professor, Kaohsiung Medical University
10:10 - 10:20	Discussion	Pin-Pin Lin Investigator, National Health Research Institutes
10:20 - 10:50	<u>Keynote Speech II</u> Combined exposure to heavy metals in PM_{2.5} and pediatric asthma Bing-Fang Hwang, Ph.D., Professor Department of Occupational Safety and Health, College of Public Health, China Medical University	
10:50 - 11:00	Discussion	
11:00 - 11:20	Break	
11:20 - 11:50	<u>Keynote Speech III</u> Internet of Things for Air Quality Monitoring: Past, Present and Future Ling-Jyh Chen, Ph.D., Research Fellow Institute of Information Science, Academia Sinica	Hung-Yi Chuang Professor, Kaohsiung Medical University Yu-Cheng Chen Associate Investigator, National Health Research Institutes
11:50 - 12:00	Discussion	
12:00 - 13:30	Lunch Break	

Time	Programme/ Speakers	Moderator
13:30 - 14:00	<p><i>Keynote Speech IV</i> Air pollution and diabetes mellitus Yue Leon Guo, M.D., MPH, Ph.D., Distinguished Professor Department of Environmental and Occupational Medicine, National Taiwan University (NTU) College of Medicine and NTU Hospital Institute of Environmental and Occupational Health Sciences, National Taiwan University</p>	<p>Chih-Hsing Hung Professor / Vice Superintendent, Kaohsiung Municipal Siaogang Hospital</p> <p>Perng-Jy Tsai Distinguished Professor, National Cheng Kung University</p>
14:00 - 14:10	Discussion	
14:10 - 14:40	<p><i>Keynote Speech V</i> Using land-use machine learning models to estimate daily NO₂ concentration variations in Taiwan Chih-Da John Wu Ph.D., Associate Professor Department of Geomatics, National Cheng Kung University</p>	
14:40 - 14:50	Discussion	
14:50 - 15:10	Break	
15:10 - 15:40	<p><i>Keynote Speech VI</i> Recent findings and outlook for the future on environmental hypersensitivity from an epidemiological perspective, focusing on a domestic survey study of environmental hypersensitivity using the international common questionnaire Sachiko Hojo, Ph.D., Emeritus professor (Japan time 16:10) Shokei Gakuin University Tohoku University School of Dentistry</p>	<p>Shu-Li Wang Investigator, National Health Research Institutes</p> <p>Lin-lin Huang Assistant Professor, Cheng Shiu University</p>
15:40 - 15:50	Discussion	
15:50 - 16:00	Closing Ceremony	