



infra4dev

CONFERENCE

Transformative Infrastructure for the
Developing World

May 15-16, 2025 Guangzhou, China

2025

Day 0 | Wednesday, May 14

Arrive and Check In

Time	Session
19:00	Welcome Cocktail <i>Location: 10th floor of Lingnan MBA building</i>

Day 1 | Thursday, May 15

Location: 3rd Floor, Conference Hall (IP PO-Ting Hall), Sun Yat-sen University

Time	Sessions		
8:30 – 9:00 (30 mins)	Welcoming Remarks <i>Location: W.T.LEE Auditorium, 3rd Floor, Conference Hall (IP PO-Ting Hall)</i> Moderator: Jianhao Lin (Dean of Lingnan College, Sun Yat-sen University) Guangzhe Chen (Vice President for Infrastructure, World Bank Group) Junhong Chang (Director General, International Economic and Financial Cooperation Department, Ministry of Finance of the People's Republic of China) Qi Zhang (Deputy Secretary of the CPC SYSU Committee, Sun Yat-sen University)		
9:00 – 9:45 (45 mins)	Keynote 1 <i>Location: W.T.LEE Auditorium, 3rd Floor, Conference Hall (IP PO-Ting Hall)</i> Moderator: Stephane Straub (World Bank Group) Justin Yifu Lin (Peking University) Infrastructure and Economic Growth: from New Structural Economics Perspective		
9:45 – 10:15	MORNING BREAK		
10:15 – 11:45 (90 mins)	Session 1 – Transport I (AS) <i>Location: Room 201, 2nd Floor, Conference Hall (IP PO-Ting Hall)</i> Moderator: Nicolas Peltier-Thiberge (World Bank Group) <ul style="list-style-type: none">• Yatang Lin (HKUST) Roads to Peace or Discord: How does Infrastructure Shape Conflict Dynamics in Africa?	Session 2 – Hydrogen Session (PS) <i>Location: Room 202, 2nd Floor, Conference Hall (IP PO-Ting Hall)</i> Moderator: Demetrios Papathanasiou (World Bank Group) <ul style="list-style-type: none">• Kangning Zhao (IHfCA) Derisking Green Hydrogen• Dina Azhgaliyeva (Asian Development Bank) Hydrogen Fuel Cell Trucks: Total Cost of Ownership	Session 3 – Resilient Infrastructure Session (PS) <i>Location: Room 203, 2nd Floor, Conference Hall (IP PO-Ting Hall)</i> Moderator: Stephane Hallegatte (World Bank Group) <ul style="list-style-type: none">• Jia Li (World Bank Group) Whole-of-economy considerations for infrastructure resilience• Jade Shu Wong (GIF, World Bank Group) Upstream and midstream

	<ul style="list-style-type: none"> • Ran Sheng (Hohai University) Bridges to Innovation: Does Opening of Yangtze River Bridges Promote Corporate Innovation? • Julio Aguirre (Universidad del Pacifico) Building Better Roads in Peru: How Concessions Improve Lives and Reduce Fatalities • He He (World Bank Group) Quantitative Spatial Equilibrium Models to Support World Bank Projects: A toolbox and case study in Dodoma, Tanzania 	<p>Analysis for the People’s Republic of China</p> <ul style="list-style-type: none"> • Jevgenijs Steinbuks (World Bank Group) Willingness-to-Pay for Industrial Hydrogen Before the Market is There • Karim Fahssis (A.P. Moller Maersk) Green Ammonia in Transportation 	<p>considerations of the private sector for financing climate adaptation</p> <ul style="list-style-type: none"> • Ede Ijjasz-Vásquez (Brookings Institution, Multilateral Cooperation Center for Development Finance, Coalition for Disaster Resilient Infrastructure, Georgetown University) Advances in risk assessment for resilient infrastructure and implications for finance, institutions, and governance of infrastructure agencies • Junzhong Chen (Chief planner of Low Carbon and Eco Research Center, Guangzhou Urban Planning & Design Survey Research Institute) Guangzhou Case study of Green Infrastructure Investment Path Exploration of Lighthouse City of UNP
<p>11:45 – 13:00</p>	<p>LUNCH</p>		
<p>13:00 – 13:45 (45 mins)</p>	<p>Keynote 2 <i>W.T.LEE Auditorium, 3rd Floor, Conference Hall (IP PO-Ting Hall)</i></p> <p>Moderator: Yun Dai (Associate Dean of Lingnan College, Sun Yat-sen University)</p> <p>Erik Berglöf (Chief Economist of the Asian Infrastructure Investment Bank) Re-Imagining Infrastructure in the Anthropocene</p>		
<p>13:45 – 15:15 (90 mins)</p>	<p>Session 4: Energy I (AS)</p> <p><i>Location: Room 201, 2nd Floor, Conference Hall (IP PO-Ting Hall)</i></p> <p>Moderator: Jevgenijs Steinbuks (World Bank Group)</p>	<p>Session 5 – Urban I (AS)</p> <p><i>Location: Room 202, 2nd Floor, Conference Hall (IP PO-Ting Hall)</i></p> <p>Moderator: Yue Li (World Bank Group)</p>	<p>Session 6 - Health and Environmental Impacts of Infrastructure Development (AIIB) (PS)</p> <p><i>Location: Room 203, 2nd Floor, Conference Hall (IP PO-Ting Hall)</i></p> <p>Moderator: Almud Weitz (World Bank Group)</p>

	<ul style="list-style-type: none"> • Niclas Moneke (University of Oxford) When does electrification work? Evidence from Sub-Saharan Africa • Xiangrui Wang (Renmin University of China) From Accessibility to Prosperity: The Impact of Rural Power Upgrade on Household Income. • Daniel Duma (Stockholm Environment Institute) The role of risk mitigation and transfer instruments for utility-scale renewable energy investments in sub-Saharan Africa 	<ul style="list-style-type: none"> • Mark Roberts (World Bank Group) Going the first/last-mile: how ride-hailing services complement public mass rapid transport • Kanyadibya Cendana Prasetyo (Brawijaya University, Indonesia) Jakarta's Sustainable Future: Investing in Integrated Transport Infrastructure • Yi Jiang (Asian Development Bank) The impact of Dhaka mass rapid transit on the road congestion • Jon Kher Kaw (World Bank Group) The Welfare and Productivity Effects of Transit Improvements in Amman 	<ul style="list-style-type: none"> • Cheng Keat (NTU) on Air Quality and Health • Vera Siesjo (AIIB) Infrastructure for Planetary Health • John Ji (WHO, Tsinghua University) Environment and Health • Jin-Won Noh (Chair of the Division of Health Administration at Yonsei University and the founding Director of Korea's first Institute for Planetary Health (IPH))
<p>15:15 – 15:45</p>	<p>AFTERNOON BREAK</p>		
<p>15:45 – 16:45 (60 mins)</p>	<p>Session 7 – Cross Border Infrastructure (PS) <i>W.T.LEE Auditorium, 3rd Floor, Conference Hall (IP PO-Ting Hall)</i></p> <p>Moderator: Nicolas Peltier-Thiberge (World Bank Group)</p> <ul style="list-style-type: none"> • Ayumi Konishi (Multilateral Cooperation Center for Development Finance (MCDF)) • Aisha Elaine Williams (World Bank Group) • Murtaza Syed (Asian Infrastructure Investment Bank) • Franz R. Drees-Gross (World Bank Group) 		
<p>16:45 – 18:15 (90 mins)</p>	<p>Session 8 – Digital Development (AS) <i>Location: Room 201, 2nd Floor, Conference Hall (IP PO-Ting Hall)</i></p> <p>Moderator: Christine Zhenwei Qiang (World Bank Group)</p>	<p>Session 9 – Cost - Benefit Session (AS) <i>Location: Room 202, 2nd Floor, Conference Hall (IP PO-Ting Hall)</i></p> <p>Moderator: Stephane Straub (World Bank Group)</p>	

	<ul style="list-style-type: none"> • Arti Grover (IFC, World Bank Group) Do Investments in Digital Infrastructure Advance Gender Parity? Evidence from Türkiye • Jose Bonifaz (Universidad del Pacifico) Impact assessment of broadband transport and internet access projects in Peru • Hossein Tohidimehr (Geneva Graduate Institute) Drivers of High Mobile Service Prices in Africa: The Roles of Regulatory and Fundamental Factors • Estefania Vergara-Cobos (World Bank Group) Cybersecurity and Development: The Economic Impact of Cyber Incidents 	<ul style="list-style-type: none"> • Manuel Garcia-Santana (World Bank Group) The Cost and Benefits of Infrastructure • Timo Valila (University College London) Forecast Errors and Welfare Conclusions Based on the Flyvbjerg Database • Yinyin Xu (Princeton University) Illuminating Insights: The Impact of Chinese Infrastructure Projects on Economic Activities in sub-Saharan Africa
18:15 – 18:30 (15 mins)	Day 1 Wrap Up <i>W.T.LEE Auditorium, 3rd Floor, Conference Hall (IP PO-Ting Hall)</i>	
18:30 – 20:00	Dinner at Kaifeng Hotel	
20:30 – 22:00	Pearl River Night Cruise	

Day 2 | Friday, May 16

Location: 3rd Floor, Conference Hall (IP PO-Ting Hall), Sun Yat-sen University

Time	Session		
9:00 – 9:45 (45 mins)	<p>Keynote 3 <i>W.T.LEE Auditorium, 3rd Floor, Conference Hall (IP PO-Ting Hall)</i></p> <p>Moderator: Ming Zhang (World Bank Group)</p> <p>Gilles Duranton (Dean’s Chair in Real Estate Professor, The Wharton School, University of Pennsylvania) The Connected city’: Urban Road infrastructure, congestion, transit, and broader impacts</p>		
9:45 – 10:15	MORNING BREAK		
10:15 – 11:45 (90 mins)	<p>Session 10 – Energy II (AS) <i>Location: Room 201, 2nd Floor, Conference Hall (IP PO-Ting Hall)</i></p> <p>Moderator: Erik Fernstrom (World Bank Group)</p> <ul style="list-style-type: none"> • Ralf Martin (IFC) Shifting Household Power Demand across Time: Incentives and Automation • Shaun McRae (ITAM) Efficiency and Equity Effects of Electricity Metering: Evidence from Colombia • Jevgenijs Steinbuks (World Bank) Impact of Upstream Disruptions on Power Misallocation: Evidence from India 	<p>Session 11 - Urban session (PS) <i>Location: Room 202, 2nd Floor, Conference Hall (IP PO-Ting Hall)</i></p> <p>Moderator: Ming Zhang (World Bank Group)</p> <ul style="list-style-type: none"> • Yue Li (World Bank Group) Partnerships and large-scale urban development in developing countries • Vanessa Alexandra Velasco Bernal (Habitat Chief Secretary, City of Bogota) Value capture and urban renewals: Experiences of Bogota, Colombia • Rana Hasan (Asian Development Bank) Spatial planning and partnerships: Growth hubs in India 	<p>Session 12 – Data as a critical enabler for infrastructure as an asset class (PS) <i>Location: Room 203, 2nd Floor, Conference Hall (IP PO-Ting Hall)</i></p> <p>Moderator: Leena Geeta Qasrawi (World Bank Group)</p> <ul style="list-style-type: none"> • Carmen Nonay (World Bank Group) • Jang Ping Thia (Asian Infrastructure Investment Bank) • Henri Pierre Francis Blas (World Bank Group) • Takaaki Masaki (ADB) Bridging Infrastructure Data Gaps with AI, Machine Learning, and Big Data: Lessons from Asia and the Pacific

<p>11:45 – 13:00</p>	<p>LUNCH</p>		
<p>13:00 – 14:00 (60 mins)</p>	<p>Session 13- Digital Session (PS) <i>W.T.LEE Auditorium, 3rd Floor, Conference Hall (IP PO-Ting Hall)</i></p> <p>Moderator: Sebastian Molineus (World Bank)</p> <ul style="list-style-type: none"> • Qing Wu (Google) • Christine Zhenwei Qiang (World Bank Group) • Jacques Crémer (Toulouse School of Economics) 		
<p>14:00 – 15:30 (90 mins)</p>	<p>Session 14 – Transport II (AS) <i>Location: Room 201, 2nd Floor, Conference Hall (IP PO-Ting Hall)</i></p> <p>Moderator: Maria Marcela Silva (World Bank Group)</p> <ul style="list-style-type: none"> • Nicolas Peltier-Thiberge (World Bank Group) Prioritizing transport infrastructure investments for more resilient food supply chains in Africa • Caglar Ozden (World Bank Group) Paving Pathways of Migration: Evidence from India's Golden Quadrilateral Highway • Martino Pelli (Asian Development Bank) Market Access, Firm-Level Outcomes and Misallocation of Capital in India • Robert Marty (World bank Group) The Impact of Ethiopia's Road Investment Program on Economic 	<p>Session 15 – Innovation, Growth and Infrastructure (AS) <i>Location: Room 202, 2nd Floor, Conference Hall (IP PO-Ting Hall)</i></p> <p>Moderator: He He (World Bank Group)</p> <ul style="list-style-type: none"> • Yun Dai (Sun Yat-sen University) Unlocking Growth: The Cross-Market Spillover Effect of Equity Market Liberalization on Bond Costs • Bing Li (Sun Yat-sen University) Innovation under an Ivory Tower: Evidence from National University Science and Technology Park in China • Yan Liu (Digital Development, World Bank) Generative AI: Catalyst for Growth or Harbinger of Premature De-Professionalization? 	<p>Session 16 – Urban II (AS) <i>Location: Room 203, 2nd Floor, Conference Hall (IP PO-Ting Hall)</i></p> <p>Moderator: Augustin Maria (World Bank Group)</p> <ul style="list-style-type: none"> • Jordan Rosenthal-Kay (University of Chicago) Urban costs around the world • Hogeun Park (World Bank Group) Data-Driven Urban Development: Assessing Discrepancies Between Planned and Actual Land Use in Amman, Jordan • Jeanne Sorin (University of Chicago) Public Roads on Private Lands: Land Costs and Optimal Road Improvements in Urban Uganda • Cong Peng (Peking University) Roads to Development? Urbanization without Growth in Zambia

	Development and Land Use: Evidence from Satellite Data		
15:30 – 16:00	AFTERNOON BREAK		
16:00 – 17:30 (90 mins)	<p>Session 17 – How research on infrastructure can better inform policy and operational work – Day 2 (PS) <i>W.T.LEE Auditorium, 3rd Floor, Conference Hall (IP PO-Ting Hall)</i></p> <p>Moderator: Stephane Straub (World Bank Group)</p> <ul style="list-style-type: none"> • Erik Berglof (Asian Infrastructure Investment Bank) • Gilles Duranton (UPenn Wharton) • Stephane Hallegatte (World Bank Group) • Carmen Nonay (World Bank Group) 		
17:30 – 18:00 (30 mins)	<p>Closing remarks / key takeaways <i>W.T.LEE Auditorium, 3rd Floor, Conference Hall (IP PO-Ting Hall)</i></p> <p>Xiaodong Lu (Associate Dean of Lingnan College, Sun Yat-sen University) Stephane Straub (World Bank Group)</p>		