## **IEEE Smart Cities – Singapore**

#### Live Stream from Seattle Washington Friday February 18, 2022 High Noon 12 pm PST

Singapore is ranked the number #1 smart City in the World. You don't want to miss this exciting lunch session. Find out why Singapore is number one. Their whole infrastructure is 100% off the grid. They can continue functioning without Utility Power. Learn about their EV electric vehicles, Solar, wind, and AI driverless vehicles.

Jaewon will discuss post pandemic Smart Cities. The drawing the Post Pandemic Smart Cities - World Smart Cities Forum (WSCF) shares smart city projects currently in progress by country and considers the direction and strategy of smart cities after the pandemic.



Jaewon Peter Chun



Bio: Mr. Jaewon Peter Chun is President of World Smart Cities Forum (WSCF - <a href="https://worldsmartcities.org/">https://worldsmartcities.org/</a>), a British non-profit organization and CEO of XnTREE, a tech accelerator based in New York and London. Mr. Chun has accumulated expertise in designing smart city and fostering the global tech startups. He participated in 'Cognicity' Smart City Challenge programme in Canary Wharf, London in 2014-2016, and designed a \$4 billion South Korean Smart City national pilot project in 2018 as a Master Planner. In 2020, Mr. Chun signed a Mandate Agreement with the Vietnamese and Ukrainian governments and is working on master plans for the Hanoi and Lviv Smart City Projects, each worth 2 billion dollars. In addition, he has been advising on smart city initiatives in several cities in Europe and North America.

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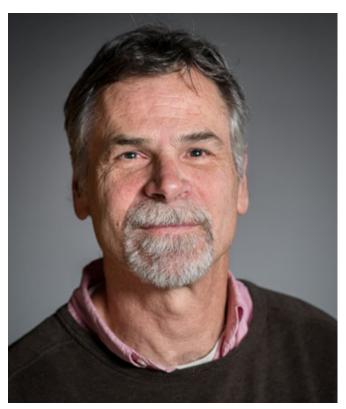
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Truly Smart Cities Promote Truly Smart Citizenry ~~~~ And Vice Versa

The world is facing several daunting challenges that won't go away on their own. We've passed the time when it made sense to only tend our own garden. Now each person, each group, each organization, and each organ of government needs to think about how their actions, actual and potential, could encourage or deter a better future. But some, like people and the organizations focused on Smart Cities, are better positioned than others. But what does that mean? It might mean having different conversations, working with different partners, or thinking about it with



new perspectives. It also means transcending techno-centric visions. Getting there includes reflection as well as practical steps.



Doug Schuler

Computing Machinery.

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Mike Brisbois | 708.668.5488 | mike.brisbois@ieee.org

Bio: Doug has been involved with civic tech for over 30 years. He organized a series of conferences for Computer Professionals for Social Responsibility (CPSR), co-founded the Seattle Community Network which provided free access to internet technology years before Gmail and the others, and served two terms with the City of Seattle technology advisory board. Doug has an MS in Computer Science from University of Washington and Masters in Software Engineering from Seattle University. He spent 15 years at Boeing in various capacities, most recently in their Advanced Technology Center as an Al Specialist. He then taught at The Evergreen State College for 20 years before retiring and moving on to volunteer work. Doug wrote two books, New Community Networks (Addison-Wesley, 1996) and Liberating Voices (MIT Press, 2008), coedited several others, wrote dozens of papers, and presented around the world-including Singapore. Doug is currently Chair of SIGCAS, the special interest group on Computers and Society within ACM, the Association for



# **IEEE Smart Cities – Singapore**

#### Making Cities Smarter Through Energy Equity and Community Resiliency



The North American Smart Cities market continues to mature beyond the vendor-led technology focus of the past decade. Cities today are focused on enabling data-driven decisions by bridging their departmental silos - including utilities. Social equity and community resiliency have become key priorities for most city leaders. Utilities are uniquely positioned to help cities address these priorities, as well as fleet electrification, which is beginning to scale beyond pilots and presents

a unique opportunity. This session provides a blueprint of how utilities enable Smart Cities and presents strategies to enable both cities and utilities to achieve their strategic objectives.

Bio: George Karayannis leads Honeywell's North American Smart Cities team and has 30 years of leadership

with complex systems, emerging technologies, and sustainable solutions. George previously led smart city teams at Panasonic and Schneider Electric, the smart grid team at Lockheed Martin, the smart mobility team at Vix, and IoT teams at AT&T and several wireless sensor startups. He cofounded a non-profit focused on US energy independence, was an elected councilmember, and served as a systems analyst on an ICBM launch crew in the US Air Force. George has authored a book on the ISO 37120 standard for Smart City indicators, refurbished an historic opera house, has an MBA from Case Western Reserve, a BA from the University of Dayton, and is a LEED Accredited Professional.



George Karayannis

