Fudan Microgrid Online Roadshow



What is the microgrid Global Innovation Forum?

The 15th edition of the Microgrid Global Innovation Forum, 13-15 September 2022 in London, focuses on microgrid advances, case studies and applications in Europe, Africa, Asia-Pacific, and Latin America.

Who is Shanghai Fudan microelectronics group?

Search... Shanghai Fudan Microelectronics Group Co., Ltd. (hereinafter FMSH) is one of the leading companies specialized in the design and development of ASIC and the provision of total solutions in China.

Who is Fudan microelectronics?

Fudan Microelectronics Group is the first chip design companythat starts the smart meter ASIC desig... Fudan Microelectronics is the leading supplier of memory products, and now has a complete NVM produc... FMSH's current dedicated artificial circuits have extensive coverage and complete functions, inclu...

What is a digital twin of the Punggol campus microgrid?

SIT researchers have developed a digital twin of the Punggol Campus microgrid, which can simulate how the campus microgrid operator will respond to scenarios such as a sudden surge in demand or a power fault.

How does a digital twin Model predict microgrid performance?

Lim Wei Jun (centre), with A/Prof Soh Chew Beng and Dr Cao Shuyu, loading the batteries into the degradation chamber that collects data on battery ageing, which the digital twin model then uses to predict the impact on the microgrid's future performance. (Photo: Soh Chew Beng)

Can a digital twin be used to simulate a microgrid?

(Photo: Soh Chew Beng) While it was developed for a specific purpose, the SIT-developed digital twin can also be used to simulate the operation of a microgridin other settings, such as at an offshore charging site on a mothership to service supply vessels, and floating barges for aquaculture.

This system utilizes a high-efficiency, self-voltage-regulated wearable microgrid, composed of enzymatic biofuel cells (BFCs) and silver chloride-zinc (AgCl-Zn) batteries, to harvest and store...

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After 7 years, On August 4, 2021, Shanghai Fudan Microelectronics Group Co., Ltd. (securities referred to as "Fudan Microelectronics", securities code "688385") was listed on the science ...



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The event, organized by the Smart Grid Observer, focuses on microgrid advances, case studies and applications in Europe, Africa, Asia-Pacific, and Latin America and industry professionals from around the world interested ...

Jiang is a professor grade senior engineer and graduated with a degree in Computer Science from the Fudan University. He is also the vice chairman and general manager of Shanghai ...

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