CIGS エネルギー環境セミナー

"Cloud- enabled energy efficiency — an opportunity or a threat?"

日　　時	2017 年 9 月 4 日（月）16：00 - 17：30　*15：30 受付開始
会　　場	キヤノングローバル戦略研究所 会議室 3
	東京都千代田区丸の内 1-5-1 新丸ビル 11 階
講　　師	Alan Meier（アラン・マイヤー）
	Lawrence Berkeley National Laboratory
モデレーター	杉山 大志（キヤノングローバル戦略研究所 上席研究員）
言　　語	英語（通訳なし）

講演概要

New methods to deliver energy services through the Internet are rapidly appearing.　These services include managing thermal comfort, peak electricity demand, energy storage, renewable energy, and transportation. These services are made possible by cheap computation available in the "cloud".　New businesses insert themselves between customers and traditional suppliers.　Their strategy for success involves collecting much more data about customers and then offering new services based on that data. Some firms, such as Uber and Nest, have expanded so rapidly that they are already mature services, many others are still fine-tuning their business models, and others have already failed. Electricity supply companies have exploited big data from smart meters to offer more personalized energy efficiency and other marketing programs.　The outcomes, however, are mixed.　While energy use in buildings has declined, transportation energy and congestion has continued to increase.　In these ways – and in many others – the delivery of cloud-enabled services will be a huge opportunity for start-ups and a threat for traditional industries.

プログラム

16:00-16:05	趣旨説明 　芳川 恒志（キヤノングローバル戦略研究所　研究主幹）
16:05-16:45	講　　演 　"Cloud- enabled energy efficiency — an opportunity or a threat?" 　Alan Meier（アラン・マイヤー）
16:45-17:30	質疑応答と討論 　モデレーター：杉山 大志

講師紹介

Alan Meier is an Energy/Environmental Policy Senior Scientist/Engineer, in the Building Technology and Urban Systems Division, Lawrence Berkeley National Laboratory, USA. He received Energy & Resources Ph.D. Univ. of California, Berkeley 1982; B.A. Chemistry & Economics, UC Berkeley, 1974. Internationally, Alan Meier worked four years as a Senior Energy Analyst at the International Energy Agency in Paris. He has been a consultant for the World Bank, Federal Trade Commission, IEA, McKinsey, and others. He studies how people and equipment use energy and opportunities to reduce energy consumption. He has been successful in leading many energy efficiency campaigns. Above all, he was the key researcher in the global campaign to save standby power less than 1W for all electric appliances.