

講演会のご案内

Flexibility of Future Energy Systems

講師: **Jerry Jinyue Yan**

(Chair Professor, Mälardalen University & Royal Institute of Technology (KTH), Sweden.)

日付: 2019年10月25日 11:00~12:45

場所: 図書館 L-911室

BIOGRAPHY:

□ Education

Ph.D., Energy Processes, Royal Institute of Technology (KTH), Sweden, 1991

Graduate studies for PhD in Engineering Thermophysics, Tianjin University, China, 1985-89

Graduate studies for MSc in Engineering Thermophysics, Tianjin University, China, 1983-85

□ Appointments

2005.01 - : Chair Professor, Mälardalen University & Royal Institute of Technology (KTH), Sweden;

2013 - : Director of Future Energy Profile funded (ca 10 million Euro.) by Swedish Knowledge Foundation and companies including ABB and other industrial partners.

□ Fellowships, awards, and prizes

Active Member (Academician) of European Academy of Sciences and Arts; Fellowships (2000, 2002, 2010) from Royal Swedish Academy of Engineering Sciences; Highly Cited Researcher 2019 (one of the two selected in engineering in Sweden) by Web of Sciences

□ Commission of trust

Editor-in-chief of Applied Energy, Elsevier Int. Journal;

Editor-in-chief of Handbook of Clean Energy Systems, Wiley; Advisory Editor of Energy Procedia, Elsevier.

□ Publications:

400+ referred papers incl. papers in Science, Nature Energy, Nature Climate Change and ca 70 books/book chapters and proceedings. H-index=54, i10index=201. 10+ granted patents and 10+ pending patents.

□ Pedagogical Achievements

Lead and coordinate the following courses and programs:

- KTH: Teaching PhD courses (CO₂ capture and Storage, Advanced Engineering Thermodynamics, Second Law Analysis and Applications).

- Mälardalen University: Developing International MSc program "Sustainable Energy Systems" (incl. New courses and also the education program), Teaching courses on gas turbine, sustainable energy systems etc.

