Organizing Committee Members

- Frank Zhu, UOP LLC
- Kirtan Trivedi, ExxonMobil Research Engineering Company, USA
- Truls Gundersen, Norwegian University Of Science and Technology, Norway
- Ah-Hyung Alissa Park, Columbia University, USA
- Michael Schultz, Battelle Science and Technology, Malaysia
- Dennis O'Brien, Jacobs Consultancy, USA
- David Bogle, University College London, UK
- Costas Tsouris, Oak Ridge National Laboratory, USA
- Robert Brasier, Jacobs Consultancy, USA
- Sarma Kovvali, Exxonmobil, USA
- Franco Berruti, University of Western Ontario, Canada
- Steve Søndergard, USA
- Mahmoud El-Halwagi, Texas A & M University, USA
- L. S. Fan, Ohio State University, USA
- Lubo Zhou, UOP LLC, USA
- Lin Li, Chevron, USA
- Dong-ke Zhang, University of Western Australia
- Qiwen Sun, Yankuang Coal Company, China
- Stephen Yates, Honeywell, USA
- Kamalesh Sirkar, New Jersey Institute of Technology, USA
- Kristine Chin, American Institute of Chemical Engineers, USA
- Marinda Wu, American Chemical Society, USA
- Wei Pan UOP LLC, USA
Alarm rings loudly

• Population rise by 30%: ~5.7 billion at 2007 to 8 billion at 2030
• Energy demand will increase by more than 40%

If business as usual, there will be a big elephant footprint!
Energy Trend for clean environment

• Coal will become a bigger player → CCS can make it clean: solution by rejection

• Oil has been a major player → biomass can make it cleaner: solution by dilution

• Energy usage → Process/equipment efficiency can reduce usage: solution by reduction

Three themes for this conference
The Conference Format

• Morning: presentations and Q&A
• Afternoon: relax time
• Early evening: presentations and Q&A
• Evening: posters/discussions and social time

Share and create ideas with enlightening discussions in a relaxed atmosphere