

Die Vorträge finden jeweils um 16.15 Uhr im Hörsaal H3, Egerlandstr. 3 statt.
Alle Interessenten sind herzlich eingeladen.

22. 10. 09, 16⁰⁰, Hörsaal H3

Bitte von der Regel abweichenden Termin beachten!

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Post-combustion CO₂ capture - one way to fight climate change

There are three megatrends in the energy arena, the demographic dynamics with increasing power demand, the scarcity of resources for energy production, and the threat of climate change through CO₂ emissions.

- The first one tells us that we will have a continuous increase in power demand in the foreseeable future. An increase that can midterm not be covered by new build renewable energy. So we will have to relay on fossil power as the backbone of the energy supply.
- The second one points to the price and supply volatility of two fossil energy carriers, gas and oil. Using gas as a fuel may be a relatively cheap and clean solution now, but the cost can and will come back to the levels we did experience in 2006 and a year ago. The fossil resource with the most reliable supply and stable cost is coal.
- The third megatrend is the environment. We are all aware that the usage of fossil fuels has increased the CO₂ content in the atmosphere, backbone for economical wellbeing of our society we have to do so environmentally compatible.