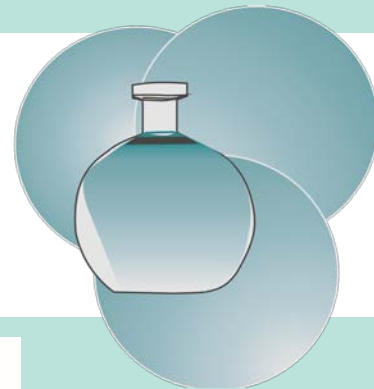


Fakultät für Naturwissenschaften Institut für Chemie



lädt ein

gemeinsam mit der Gesellschaft
Deutscher Chemiker
zum



Vortrag

von Herrn

Dr. Ekkehard Schwab
Neustadt

**“Energy – our Live-Blood
Where Does it come
From, Where Does it
Go?”**

am: 09.01.2020

um: 16:00 Uhr

wo: 1/232 (Straße der Nationen 62)

Gäste sind herzlich willkommen!

„Treffen mit dem Vortragenden“

Kaffee und Kekse ab 15:30 Uhr

im Hörsaal 1/232

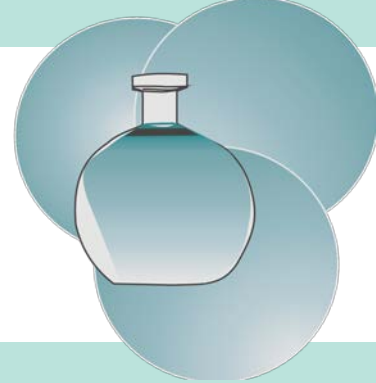


**TECHNISCHE UNIVERSITÄT
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Dr. Ekkehard Schwab
Neustadt



Energy – our Life-Blood

Where Does it Come From, Where Does it Go?

Following the motto “use numbers, not adjectives”, the talk will put the political discussion about renewable energy and climate change in the context of the dimensions of our current energy system. Throughout history, the access to affordable energy sources has driven the development of human societies. Overall, there is a significant correlation between standard of living and per capita use of primary energy. This correlation, however, also shows that the same standard of living can be achieved with a remarkable spread in per capita energy consumption .

In conclusion, the reduction targets for climate gas emissions most probably will only be realistic if a combination of replacing fossil based primary energy with renewable (solar) sources and a much more efficient use of energy is achieved. The latter is not only a technical but as well a social and behavioral topic.

