

When nanocarbon dreams come true

David Tománek

Michigan State University, USA

Colloquium at the Technical University Dresden, Germany

Chemieneubau Hörsaal 89, Bergstr. 66

April 27, 2023, 17:00

Topics:

- ***What is Nanotechnology?***
- ***Nanotechnology dreams***
 - At the crossroads of Physics, Chemistry, Biology and Engineering
 - From making small to self-assembly
- ***Nanotechnology in our society***
 - Cost and value of Science
 - Limited value of artificial Intelligence (AI)
 - Scientific responsibility
 - Bad actors: Corruption in Science
- ***How far have we come?***
 - *Miracles of elemental carbon in 0, 1, 2, and 3 dimensions*
- ***Real Life: Can Nanotechnology save YOUR grandmother?***
 - How to desalinate sea water to make it drinkable?
 - Do we have alternatives for reversible energy storage?

About the Author:

https://en.wikipedia.org/wiki/David_Tom%C3%A1nek

<https://nanoten.com/tomanek/abstracts/tomanek-narrative-bio-sketch.pdf>

Ethics in Science:

<https://nanoten.com/tomanek/manuscripts/DT211.pdf>

<https://nanoten.com/tomanek/manuscripts/DT239.pdf>

<https://nanoten.com/texts/Corruption.html>