

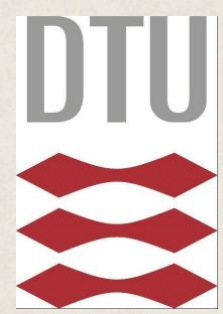
Is Water Structure Research a New Innovation Driver?

DTU WATER, May 2017



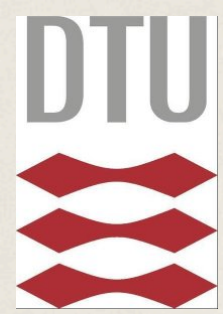
Nikolaj Sorgenfrei Blom, PhD
Quantum Biologist
Guest Researcher, DTU-KT
Collaboratorium.net & Skypion.com





Water Bridge





First Water Bridge at DTU



Does Water Contain Coherent Domains?

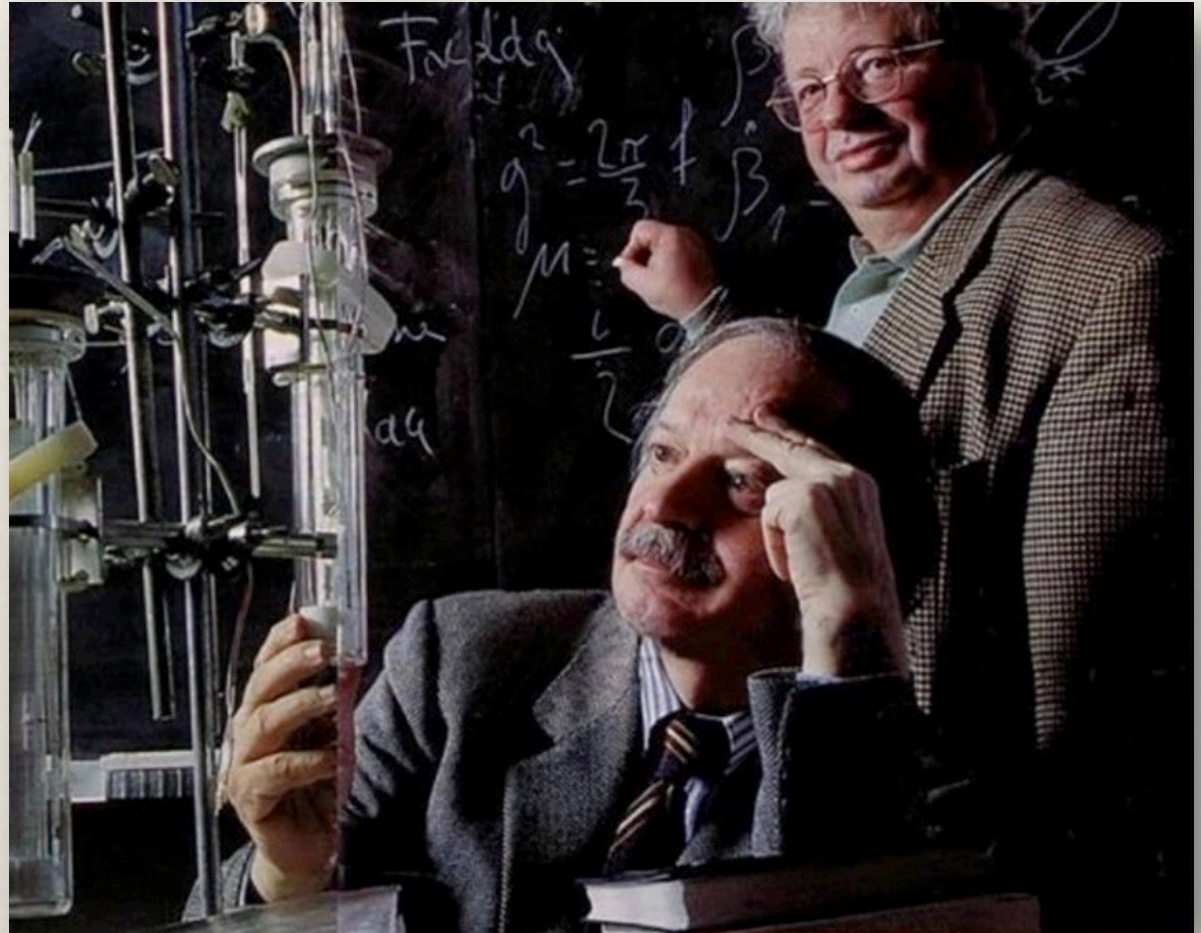
Giuliano
Preparata

Emilio del
Giudice

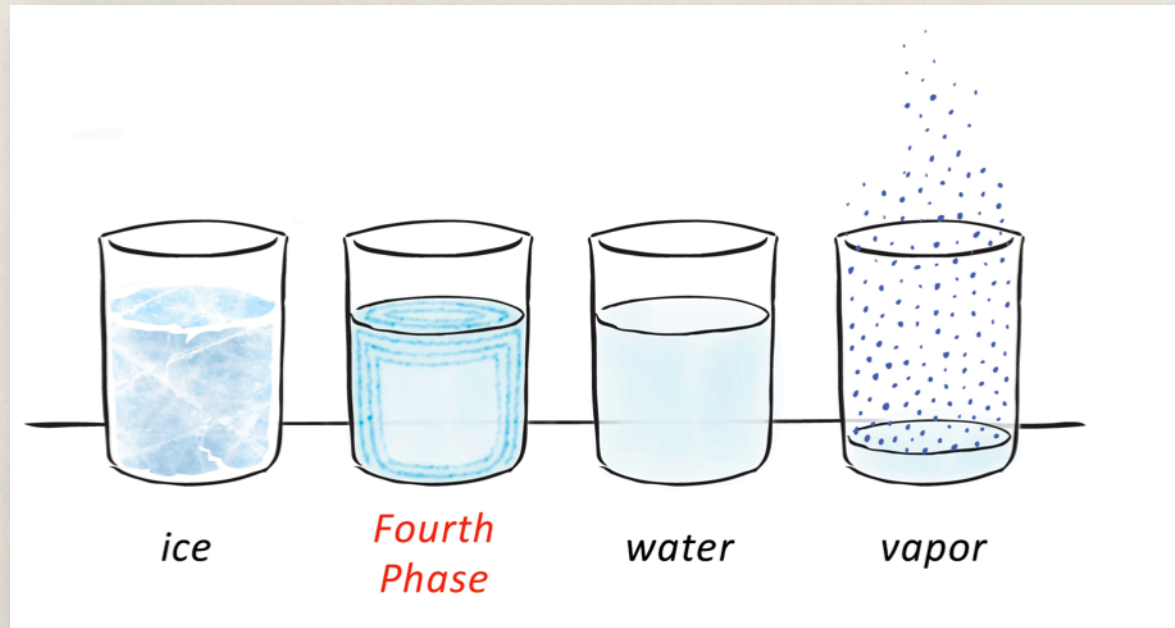
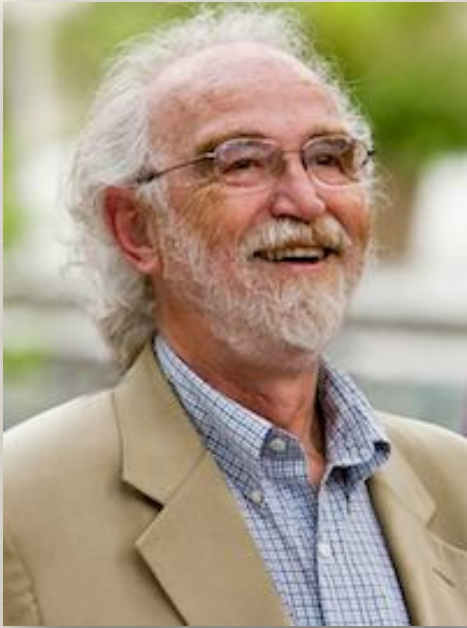
Quantum
Electrodynamics
theory

Plasma state

=EZ?

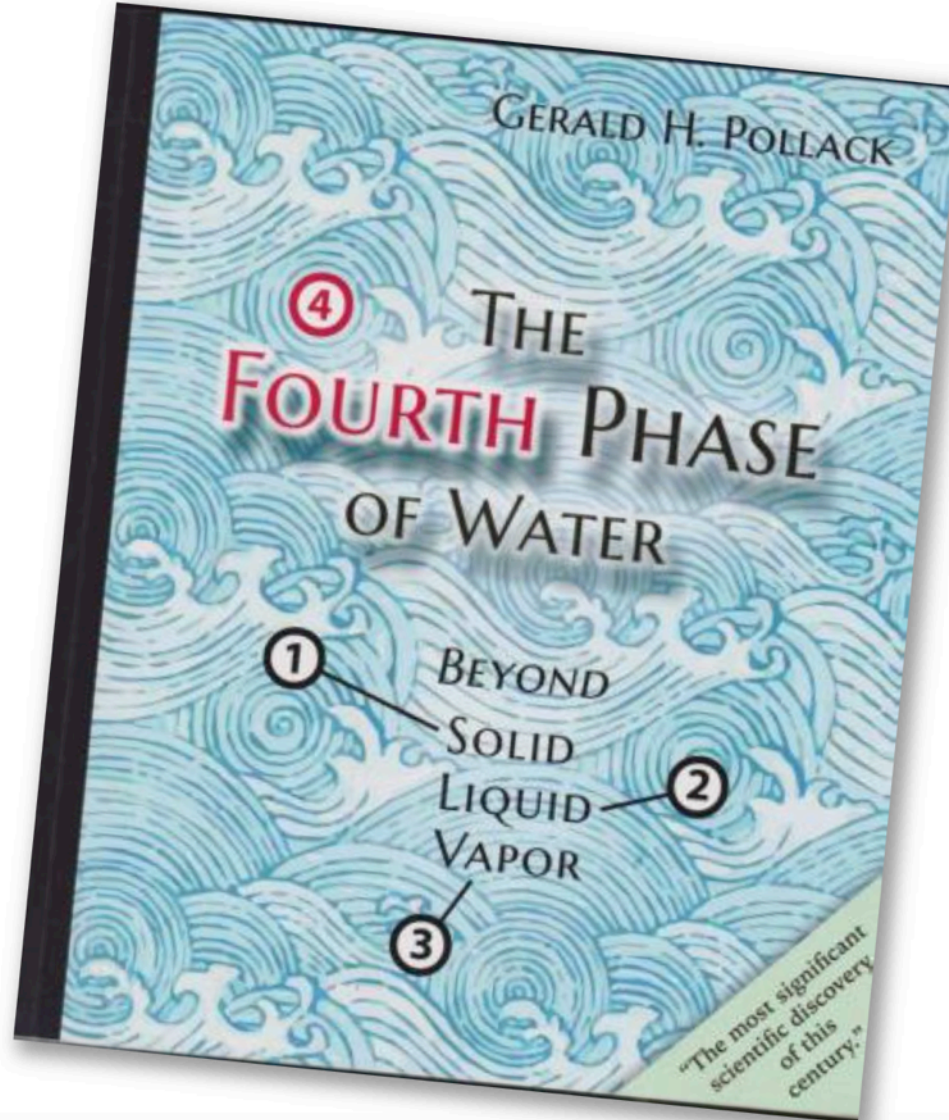


A Fourth Phase of Water?

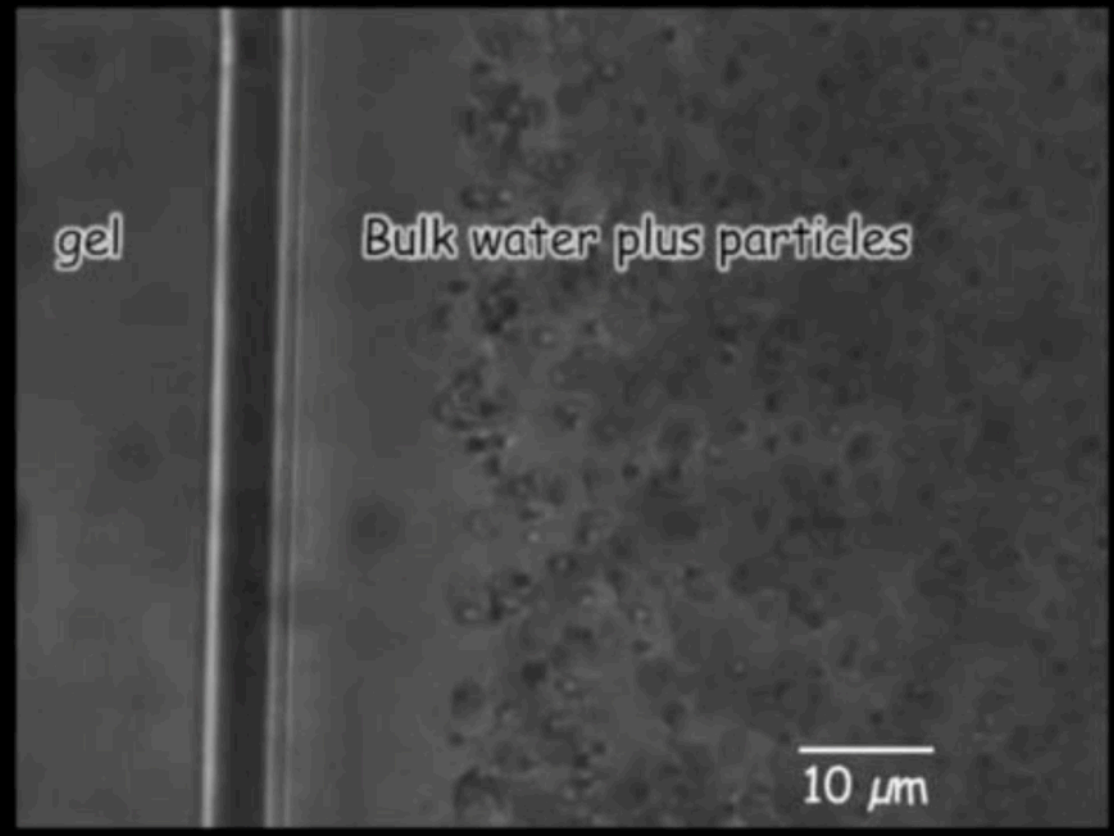


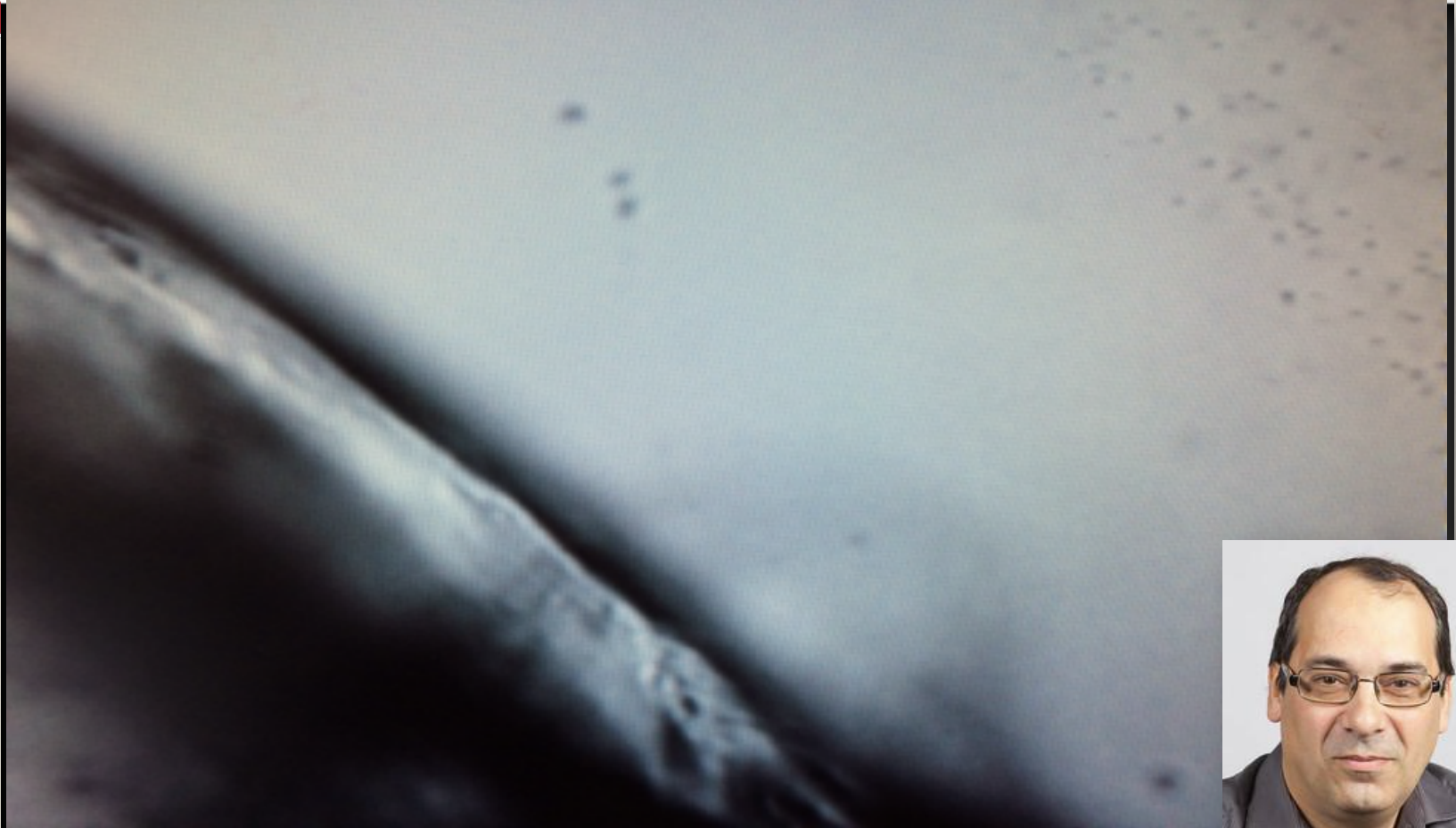
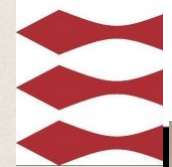
Prof. Gerald Pollack

Vands
fjerde fase



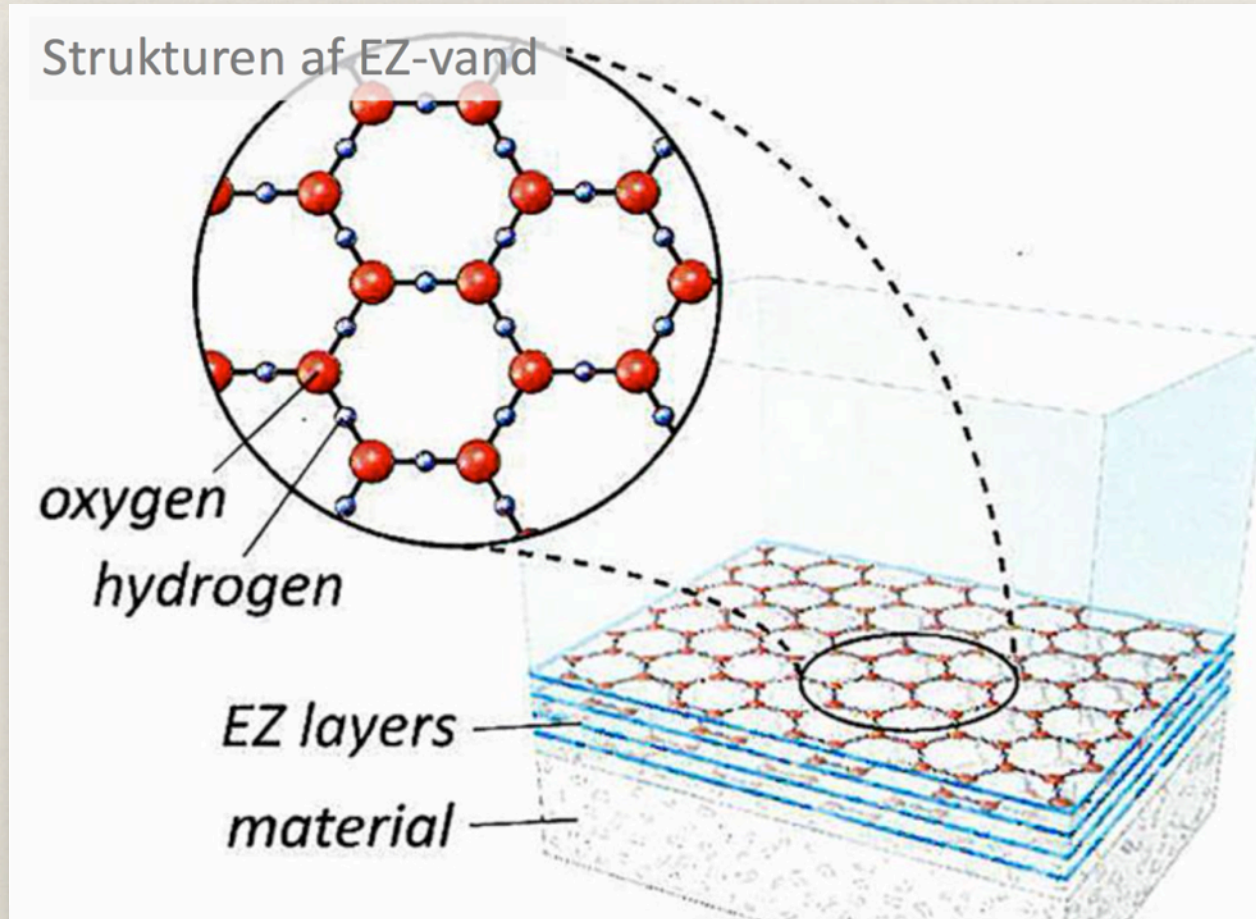
EZ-Vand





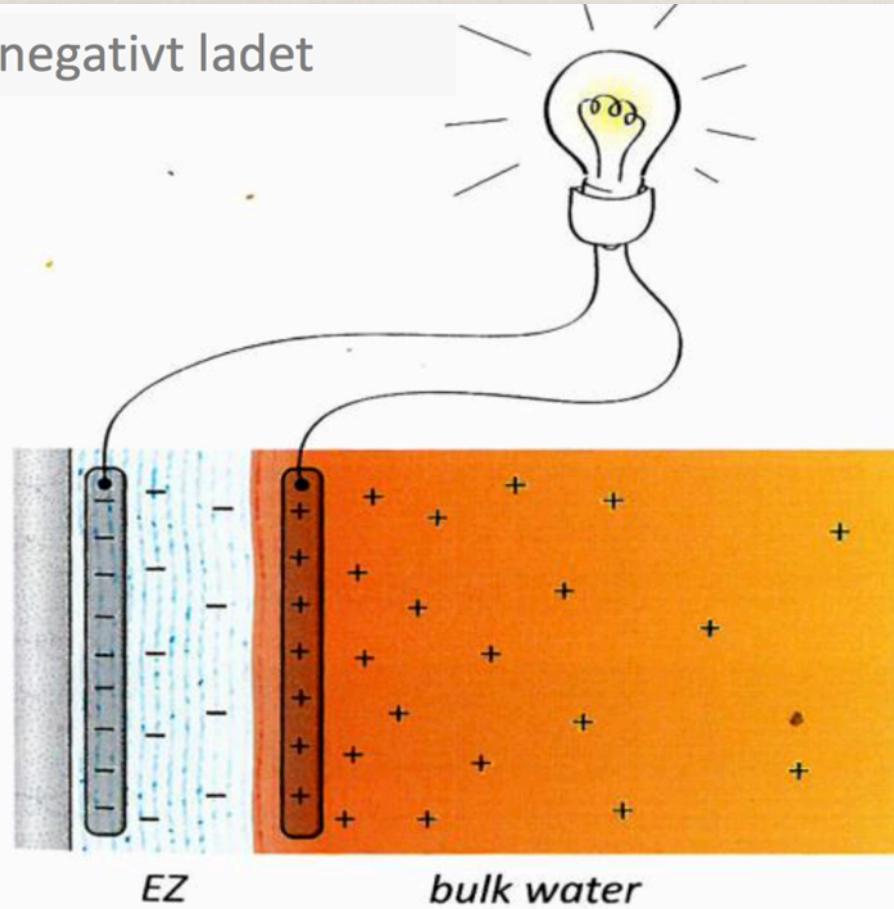
Bachelor's project at DTU-KT 2016

Exclusion Zone (EZ)



Electricity from Water?

EZ-vand er negativt ladet



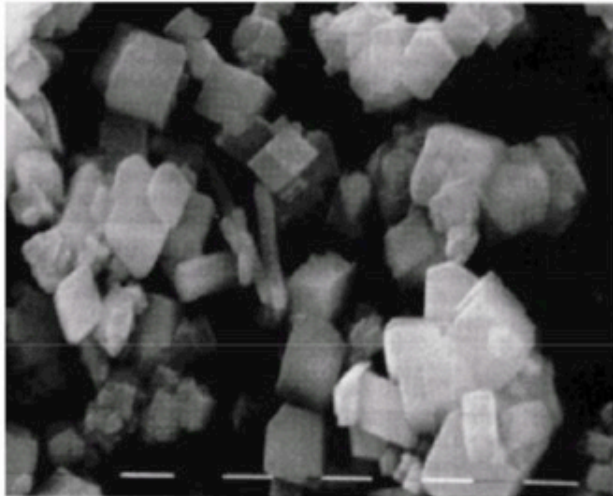
Can We Structure Water?



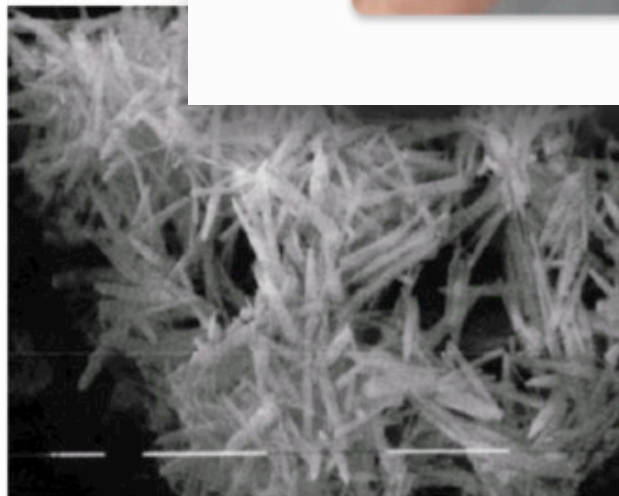
- Vortexing
- Ultrasound
- Graphene/Nafion
- “Information Water”
- EMF –
Electromagnetic Fields

Can Structured Water Reduce Limescale?

Electron microscopy shows that CaCO_3 changes crystal structure

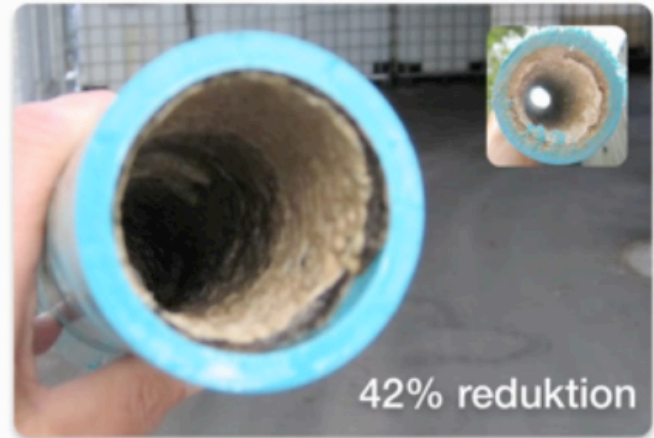


(a) Calcit



(b) Aragonit

Rørbelægninger efter 8 uger:



Danish Technologies

- * AMtech – “kalkknuseren” (ultrasound)



klima bevidst partner 
AMTech AquaMiljø
kalkknuser.dk

[Forside](#) [Hus/rækkehus](#) [Ejendomskompleks](#) [Erhverv](#) [Vandværker](#) [Forhandlere](#) [Om firmaet](#) [Kontakt](#)



Nem installation



Ingen vedligeholdelse




Kalk i vandet koster dyrt for private og industri – men der er en nem og billig løsning



Løsningen er overraskende nem. Den unikke kalkknuser fra AMTech Aqua Miljø monteres uden på røret med hovedvandtilførelsen. Nu vil lydølger fra kalkknuseren påvirke det gennemstrømmende vand og nedbryde kalkkrystallerne i vandet. Rørykkelser og kapacitet varierer afhængig af om det



- * Biotech innovation – PowerPack Catalyst




Biotech Innovation ApS

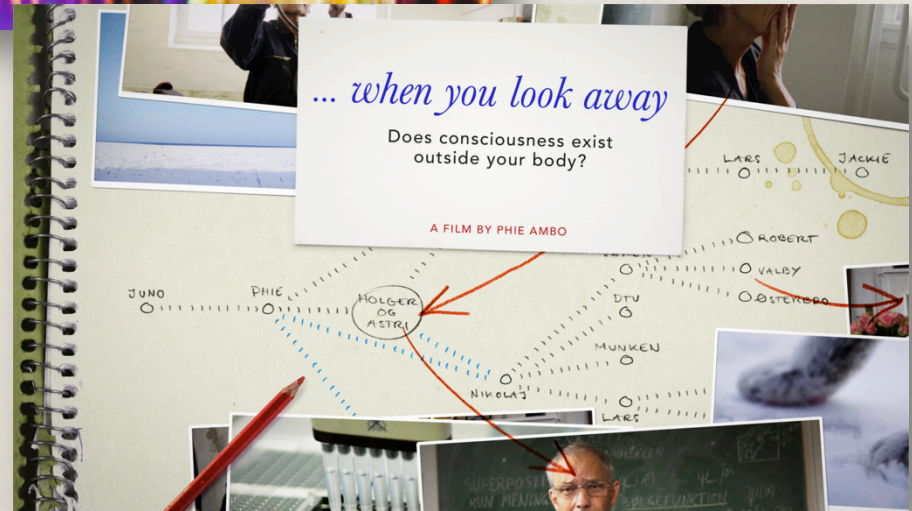
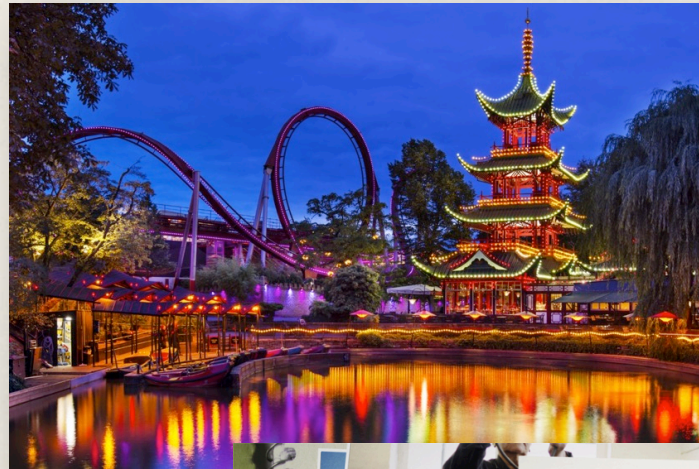
[Forside](#) [Produkter](#) [Nyheder](#) [Referencer](#) [Forhandlere](#) [Kontakt](#)



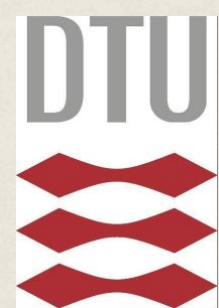


Power Pack produkter fremtidens teknologi

Can a PowerPack Eliminate Kitchen Grease Deposits in all of Tivoli Gardens?

- * PowerPack has been used in the Tivoli Gardens Restaurant Kitchen Exhaust system for 12 months and eliminates grease deposits and fire hazard
- * Featured in documentary film "When you look away" on novel science, consciousness and water technology by Phie Ambo, premieres at CPH-DOX, March 2017





Learn More at BLOOM Festival May 27-28

om natur & videnskab

Symposium: Bevidsthed

Phie Ambo, Dan Zahavi & Nikolaj Sorgenfrei Blom

Søndermarken 27. – 28. maj 2017

– 17:45

Hvordan påvirker vores bevidsthed verden omkring os? Som optakt til visningen af instruktør Phie Ambos filmiske

Festival om natur & videnskab

BLOOM

A close-up photograph of green leaves with prominent veins, serving as a background for the BLOOM festival logo.

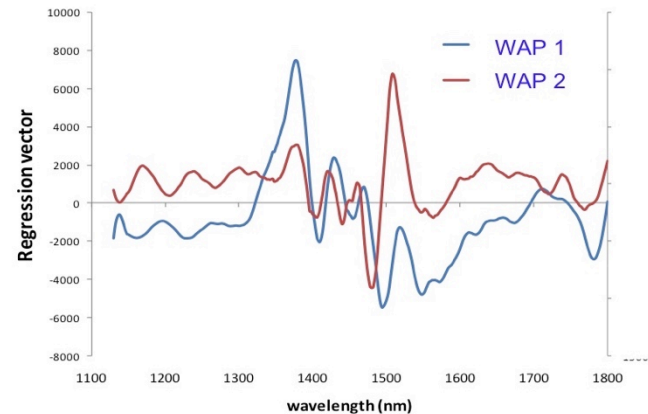
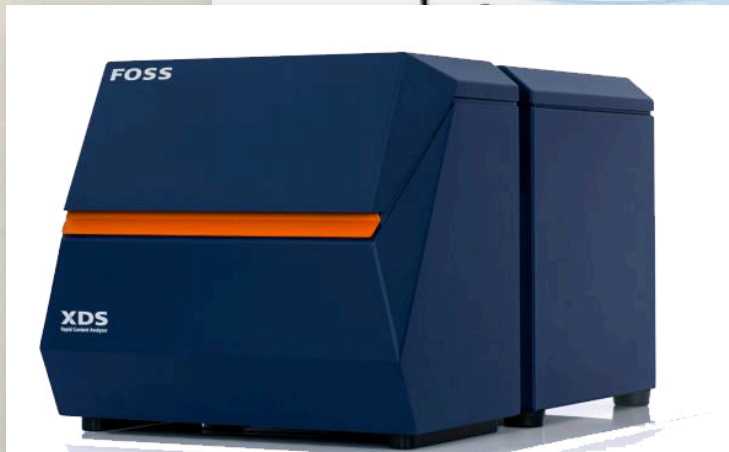
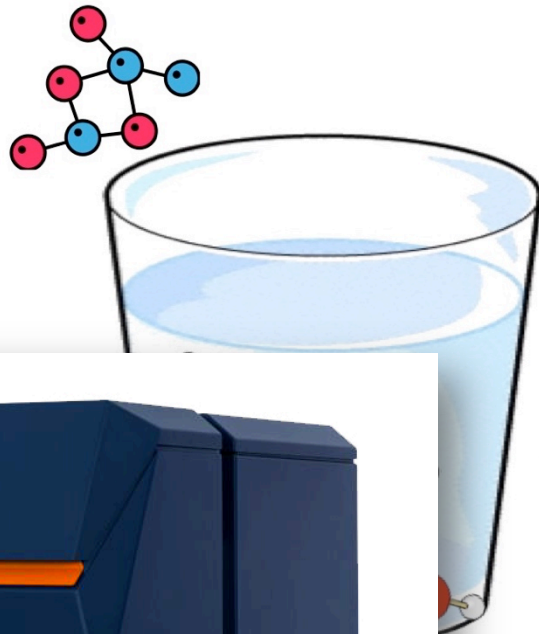
BLOOM
27.– 28.
maj 2017

Bloom

Get tickets to events by Bloom. Read more about the events, sign

Can We Detect Changes?

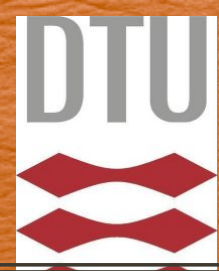
Aquaphotomics Dynamic spectroscopy of aqueous and biological system described by water absorbance pattern



Changes in Water absorbance pattern (WAP) due to changes in solutes

reveals Water Structure
about the Solvent and the Environment

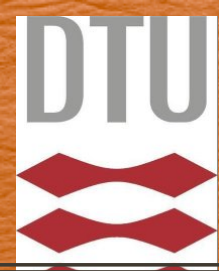
R.Tsenkova, *J. Near Infrared Spectrosc.* **17**, 303-314(2009)



Are Quantum Biology & Water Structure - the Next Technology & Innovation Drivers?

Is it time for an **Institute of Quantum Biology** - Basic and Applied Interdisciplinary Research?





Thank you for your attention!



More info at
www.kvantebiologi.dk



