

## University of Groningen

### Connecting the Dots

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Propositions/Stellingen  
Accompanying the dissertation

# Connecting the Dots

## Nanoparticles, Nanostructured Surfaces, and Wetting

By Gerrit Hendrik ten Brink  
13 September 2022

1. “Administratum” have become a synonym of the continuously growing impenetrable clay layer in the organization of our university.
2. “Mens sana in corpore sano”, “a healthy mind in a healthy body” expresses the notion that physical exercise is an important or essential part of mental and psychological well-being. Students and staff of our university should take this more seriously.  
<https://www.menshealth.com/nl/gezondheid/a30527104/studenten-woorden-echt-dikker-tijdens-studententijd/>
3. To include non-relevant references as too often requested by journal referees (uplifting their H-index) has the same effect as one’s spouse stirring in your homemade soup and to claim it gets better because of it.
4. “Anyone who has never made a mistake has never tried anything new.”-Albert Einstein.
5. Non-referenced important remarks on page 13 in the book “Gas-phase synthesis of nanoparticles”, edited by dr. Huttel (1<sup>st</sup> published in 2017) in a chapter written by Prof. Haberland, are a good motivator to write one’s own Ph.D. thesis, for these remarks were mine.
6. Calculating the nanoparticle yield of a cluster source by using a holey carbon TEM grid imaged in bright field TEM mode results in an overestimation of the actual yield; it is not fully understood why. See Figs. 8-13 (a and b) Chapter 8.
7. “Doubt is the beginning of wisdom”, a smart quote from Aristoteles, George Palasantzas would simply argue that “the mother of all f\*ckups is just the assumption”. Therefore doubt always and everything.
8. “The secret of freedom lies in educating people, whereas the secret of tyranny is in keeping them ignorant.” -Maximilien Robespierre. Currently, we can also add that the secret of tyranny is in the continuous feed of fake news.

These propositions are considered defensible and as such have been approved by the supervisors Prof. G. Palasantzas and Prof. B.J. Kooi.