

PROPOSITIONS

for the thesis

ON THE INTIMATE RELATION OF PROTON TRANSFER AND MOLECULAR COMPLEXATION

1. All (Brønsted) photobases are thieves, all photoacids are wealthy donors.
2. No-one has ever observed proton transfer through water wires in neat water.
3. Deprotonated HPTS deserves to be a fluorescence quantum yield standard.
4. Surface-specific experiments consume a thousand times more sample volume, yet report on infinitely less material than bulk ones do.
5. If one can do science without femtosecond lasers, they absolutely should.

6. There is a subtle art to data processing.
7. The Devil hides in the details – but it's not always that interesting.
8. Assessing what you do not know is far more important than remembering everything all the time.
9. To make a great (research) team you need two things: shared values and complementary strengths – plus ample room to discuss differences in interpretations.
- +1. The secret to a low-stress PhD – or any job, really – is to put at least half of your spectra/results in the “main text”.