# **Explaining Complex Technical Topics to Researchers**

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#### What it Takes

- Complex Topic and Researcher is an interesting mixture.
- Subtlety is required.
- Humility is a force
- Knowing your interlocutor is an impetus
- Preparedness is your key.
- Your choice of words makes the difference

## Explaining should not be ...



#### Explaining should not be ...

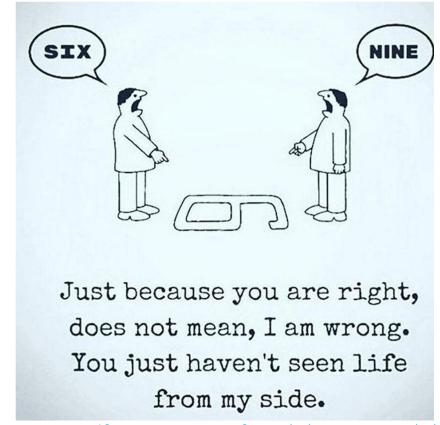


Image courtesy https://www.jarkkorantanen.com/four-steps-to-get-forward-when-youre-stuck-in-a-conversation/

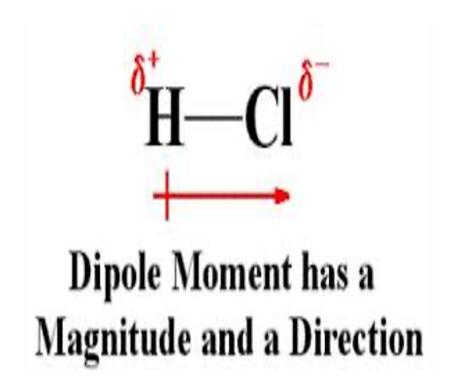
#### **Painting the Picture**

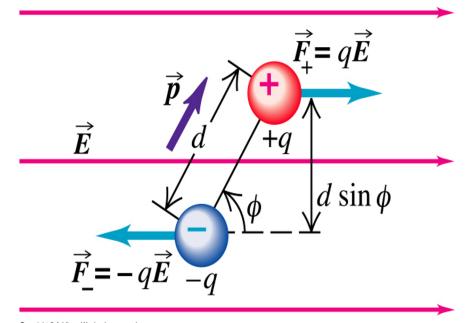
Accurate picture as much as possible relying on Commonality.

- Operators: Theory Versus Experiment
- Basis Sets: Chemist Versus Physicist
- Secure Computing Environment:
  - Concept Versus Reality
    - Shield vs vault



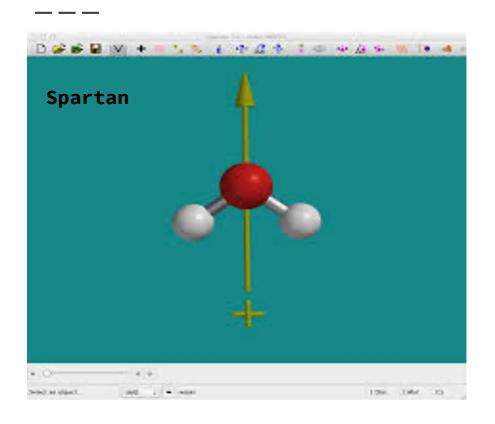
#### **Hard-Coded Misconceptions**

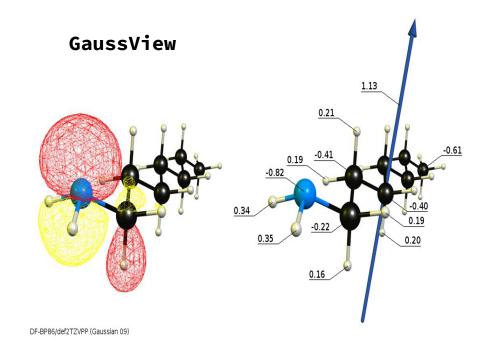




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### **Hard-Coded Misconceptions**





#### **Ending the Encounter**

- Express appreciation for the discussion.
- Be forthcoming about your shortcomings.
- Note Questions you couldn't answer.
- Follow up with clarifications or with additional information

