

Title: Conversations

Subtitle: Lead the state by simplicity???

Second Subtitle: Re: Lead the state by simplicity???

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Quote:

Water is simple, isn't it?

There is nothing simpler than water as a molecule. Its chemical formula, in chemistry that one learns in school. However, its structure in the bulk changeable. There are 13 known crystalline structures of ice that appear at different temperatures and pressures. As a liquid, water forms dynamic 'flickering' clusters of joined up molecules, with intermolecular bonds that flicker on and off at a complexity that lies in the ability of a water molecule to join up with its neighbors. The most important of chemical bonds, the hydrogen bond.