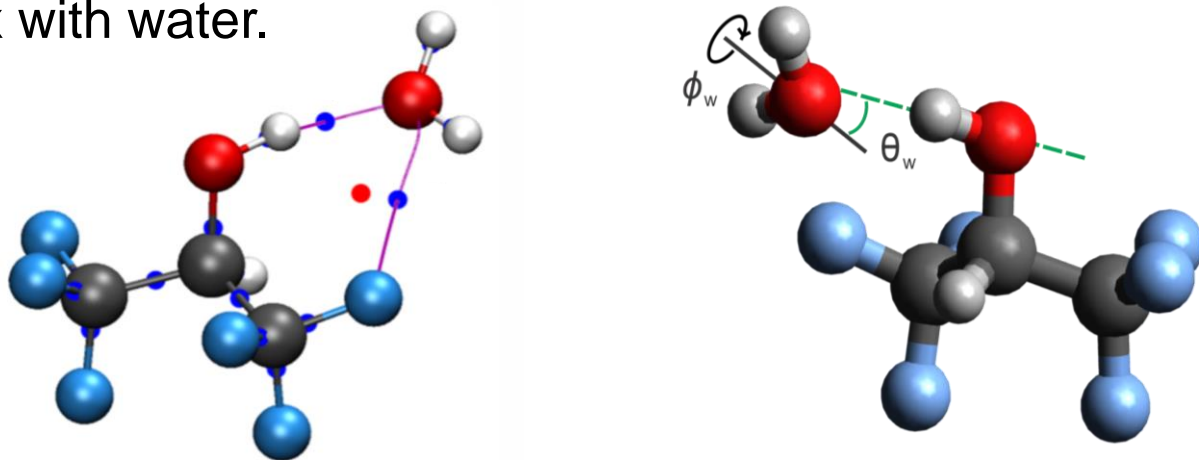


P4940: LARGE AMPLITUDE MOTIONS IN THE LESS-STABLE GAUCHE-FORM 1,1,1,3,3,3-HEXAFLUORO-2-PROPANOL BINARY WATER COMPLEX FOR 2021 VIRTUAL ISMS

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Fluorination on alkyl alcohols significantly alter its properties in the complex with water.



The less-favorable gauche-form observed for the first time.

In total 8 differently deuterated water species are observed and assigned via Molecular Rotational Resonance spectrometer.

Expected tunneling splitting patterns absent from observation.

