

Water structure in the spotlight: is there anything we can say for sure?

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ABSTRACT

Water remains at the forefront of modern-day physical chemistry and chemical physics research because of the ubiquitous nature of this fundamental fluid. Yet questions about the structure of water have existed for many years and persist right up to the present. Fortunately multiple investigations into the structure of water, using x-ray and neutron scattering techniques, and combined with modern data interpretation methods, are finally leading to some consistent answers to the very basic question of what are the site-site radial distribution functions of water. The talk will outline some of the recent progress and results of these investigations.