

Supplementary Information

Picture of Wet Electron: A Localized Transient State in Liquid Water

Michele Pizzochero,^{1,*} Francesco Ambrosio,² and Alfredo Pasquarello²

¹*Chaire de Physique Numérique de la Matière Condensée (C3MP),
Ecole Polytechnique Fédérale de Lausanne (EPFL), CH-1015 Lausanne, Switzerland*

²*Chaire de Simulation à l'Echelle Atomique (CSEA),
Ecole Polytechnique Fédérale de Lausanne (EPFL), CH-1015 Lausanne, Switzerland*

* Electronic address: michele.pizzochero@epfl.ch

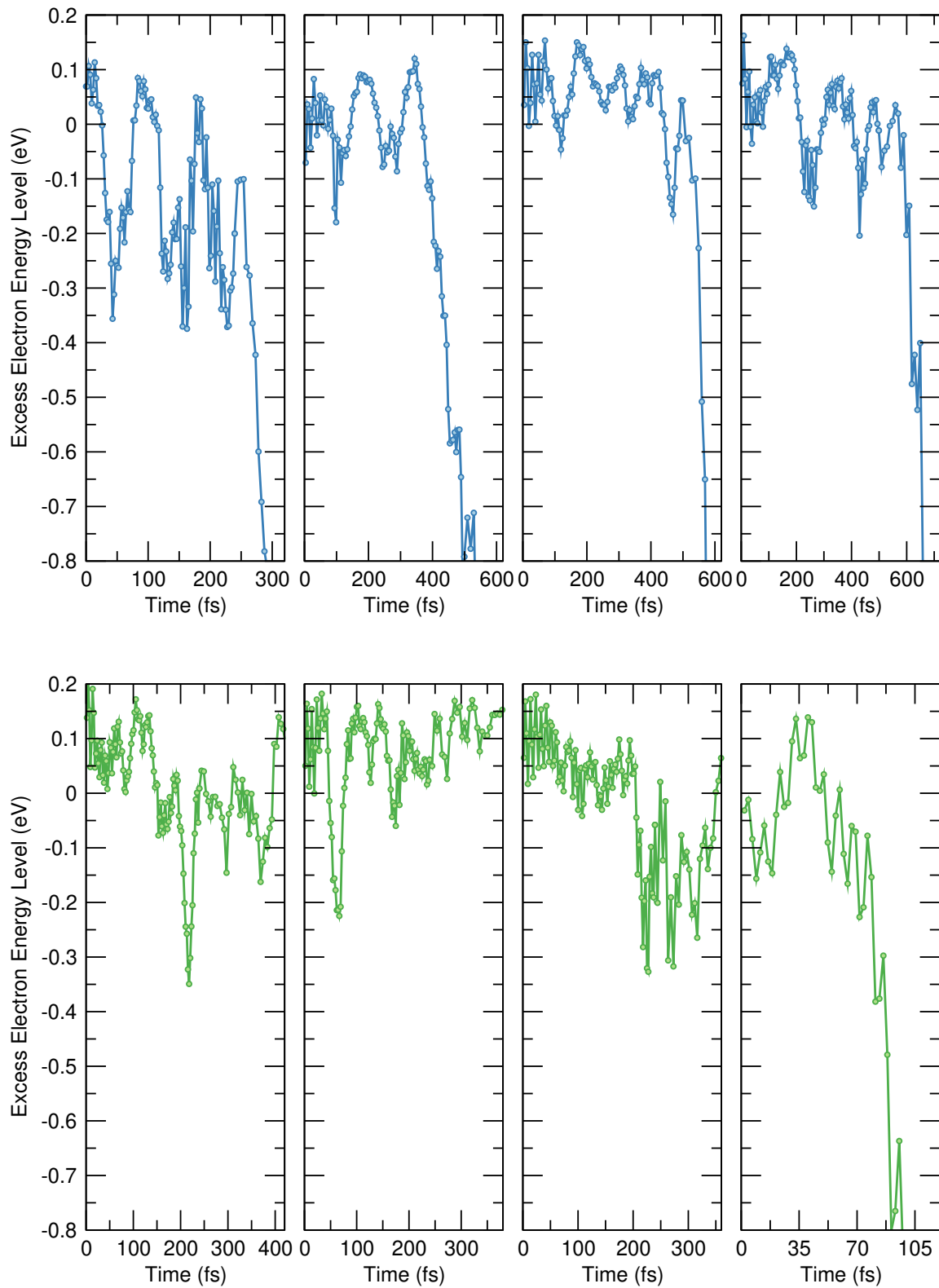


FIG. S1: Time-evolution of the the energy level of the excess electron in liquid water, as obtained from four distinct trajectories carried out within the NVT ensemble (upper panel) and four within the NVE ensemble (lower panel). The energies are referred to the average conduction band minimum of neat liquid water.