

Inside Cover

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In confined spaces water shows unique properties that are not seen on the bulk scale. In their Communication on page 1180 ff., T. Kitamori and co-workers describe the local structural and dynamic properties of water confined in spaces extending from tens to several hundreds of nanometers on a glass chip. NMR data is used to propose a model for the interfacial phase consisting of loosely coupled water molecules between the surface and the bulk (see picture). The results are important for implementing micro- and nanofluidic devices on a chip.

