PsS & Dataphysics



For more than 400 years, important scientists and mathematicians have done valuable pioneering work



Although most of us don't realise it, surface chemistry and the inter-facial processes involved rule our e

Particle and Surface Sciences can provide all of the products provided by DataPhysics, we would like to

About inter-facial interactions

When talking about the wetting behaviour of liquids and solids we are in fact describing surface chemis

A series of inter- and intra- molecular interactions rule the surface phenomena - known as van der Waa

Today, the Schrodinger equation as the physical basis of quantum chemistry forms the firm theoretical

These efforts have also



on of the phenomenon of the contact or wetting angl

What of the Practical uses of surface chemistry

As an interdisciplinary science, surface chemistry deals with the specific interactions and properties of

Measuring Methods

Surface chemistry uses a variety of different measuring methods. The choice between methods to be us

Brief Examples of Some Applications

the critical surface tension of a flourine polymer (PTFE) le=|Closer Look| |}images/stories/graph1_l.jpg{/rokbox} ntact angle of a pigment powder with the modified Washburn method le=|Closer Look| |}images/stories/graph2_l.jpg{/rokbox} erm of a surfactant with determination of the CMC le=|Closer Look| |}images/stories/graph3_l.jpg{/rokbox}

Click the above images to have a closer look at the graphs.

Products

At DataPhysics, natural scientists and engineers work in close cooperation with customers, scientific institutes and research institutions on new products for measuring surface chemical properties. It is their aim to give a fresh impetus to the progress of surface chemistry by their innovative power and to develop superior products for critical customers.

{rokbox}images/stories/SOAtaPWysTick:jproj@uotkboarje the latest state-of-the-art. They impress by the