

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 chemist

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

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

These efforts have also led to a better understanding of the phenomenon of the contact or wetting angle



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 used

Brief Examples of Some Applications

- of the critical surface tension of a fluorine polymer (PTFE)
[Look | images/stories/graph1_1.jpg{/rokbox}](#)
- contact angle of a pigment powder with the modified Washburn method
[Look | images/stories/graph2_1.jpg{/rokbox}](#)
- term of a surfactant with determination of the CMC
[Look | images/stories/graph3_1.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/SDA_PsS_Tics.jpg{rokbox} the latest state-of-the-art. They impress by the