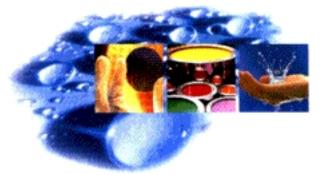
# **PsS & Dataphysics**



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 u

### **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/SOAtaBWjsTics: jproj@looktsoarje the latest state-of-the-art. They impress by the