



Understanding Science

Scientific seminars for the general public

*Are you curious about **Science**? Or wish you knew more about what's happening in **research nowadays**? Or in other **research fields**?*

*So let's spend **one hour** and meet **EU and Chinese researchers** talking about their research in a relaxed atmosphere!*

Monday 16th
April 2012
7.30 pm
The Bridge
Café
Wudaokou

“The Science behind Photomedicine”

Speaker: Professor David Phillips CBE

Affiliation: President of the Royal Society of Chemistry (UK)
and Emeritus Professor of Chemistry at Imperial College London

Light, and particularly sunlight, has had mystical power for all civilisations, and the effects of its rays upon the skin are commonly believed to bestow good health. There is both truth and fallacy in this belief, which this lecture on the science of photomedicine will show. After a brief consideration of the harmful effects of solar radiation, the therapeutic uses of light will be emphasised. These include the treatment of skin conditions such as psoriasis, the treatment of neo-natal jaundice, and the photo-inactivation of viral, bacterial and fungal infections. The laser has revolutionised some aspects of medicine, and the lecture will discuss surgery using infrared and ultraviolet lasers, and the use of lasers plus chemical sensitisers to selectively destroy tumours in photodynamic therapy.

Venue: Bridge Café - Wudaokou, Haidian District, Beijing
桥咖啡- 海淀区五道口

Free entrance - food and beverages at your own expense

