

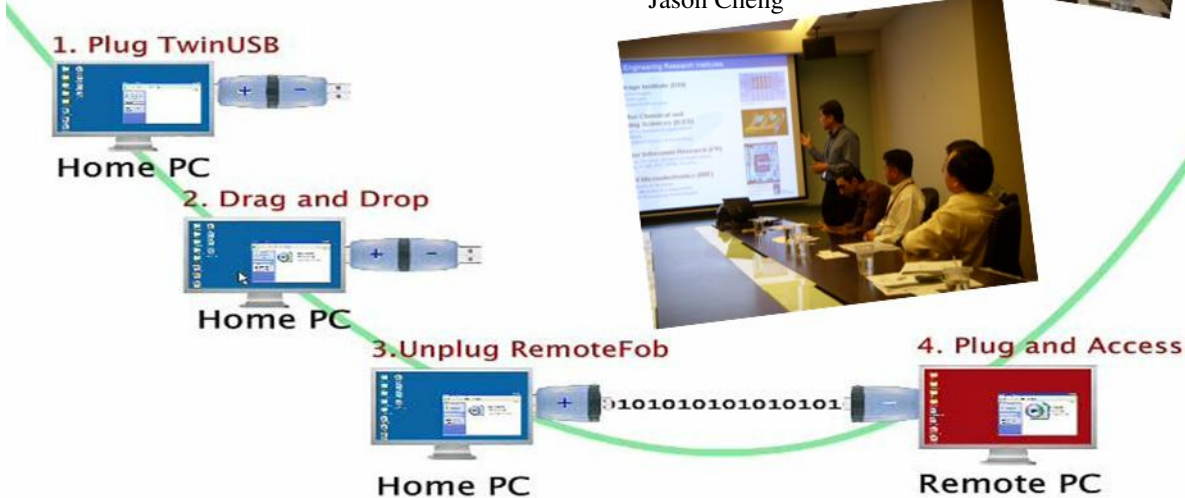
ETPL S&E Comms Newsletter: Vol 1 Issue 4

TwinUSB Roundtable

A TwinUSB Roundtable was held on 7th Oct 2008. Besides SPRING, representatives from 7 different companies turned up, namely SmartInfo, Starvision IT, Fast and Safe, ECCY Service, Nano Connections, Digisafe and Fujitsu. TwinUSB is both a nifty personal gadget as well as a technology platform. In its simplest form, it facilitates secure remote file access via a plug-and-play solution. This approach takes away all the complexities associated with traditional server /client model solutions where relevant technical knowledge is needed in setting up and using them. The technology has gathered some feedbacks and two companies have shown some interests.



Jason Cheng



Catalyzing Growth Amidst Challenging Economic Situation

A jointly organized Chemical Seminar by SPRING and Singapore Chemical Industry Council (SCIC) was held on 11th Nov 2008. The objective of SPRING and SCIC for conducting the seminar is to share with the industry (specifically companies in the field of chemicals and specialty chemicals) on market expansion and internationalization, as well as product development and innovation. Han Boon, VP of Comms/Out-Licensing was invited to speak. Besides highlighting on what A*STAR can offer the industry (ie. A*STAR's capabilities, Exploit's commercialisation roles, COT/Flagship, incubation, spin-off, GET-Up programme, etc), 3 case studies where ETPL have added value to local companies in the chemicals domain were being shared. These include RISIS (licence of IMRE's scratch-resistant lacquer), Haruna (SIMTech TiO₂ licence, scale-up and follow up fine-tuning work) and Hycare (currently working together to evaluate IMRE's TiO₂ for automotive interior applications). In addition, technologies from IMRE, ICES and SIMTech were being showcased at the table booth during the event.

Kat Neo



Catalyzing Growth Amidst Challenging Economic Situation



SPRING-GET-UP



“ *Microalgae mass cultures for co-production of biofuels with treatment of municipal and other wastewaters is a relatively nearer-term application of microalgae biofuels production. Microalgae biofuels will be a limited energy source but could contribute to a future sustainable economy.* ”

*Dr John Benemann
Consultant of Benemann Associates*

Microalgae Talk by Dr John Benemann

On 19 November 2008, we had the pleasure to have with us Dr John R. Benemann to share with us his insight in the area of microalgae for biofuels. For the past twenty years, his research and consulting work span disciplines from the fundamental problems of biofuels production and microalgae photosynthesis to the engineering of landfills and algal ponds for waste treatment and greenhouse gas abatement.

As highlighted in the talk, the challenges of microalgae biofuels includes the cultivation of algae in simple, low-cost, open ponds that have very high productivity and yield high amounts of desired products.



TLF (Energy and Environment)

The third TechLicensing Fair in 2008 was held on 20 November 2008. From the great turnout during this event with about 300 participants representing 150 companies, Singapore companies are well aware of the global energy crisis and are seriously looking for technology to address this issue. Besides that environmental related technologies such as water treatment and analysis, fuel cell and biodegradable materials are also of interest.

A couple of technologies from A*STAR was showcased, which include Organic Photovoltaic, White LED, User-powered wireless remote control, Membrane for Fuel Cell, Flexible substrate for solar cells, water analysis device and biopolymers/composites.

Besides A*STAR, 10 other Technology Partners, including Nanyang Technological University (NTU), National University of Singapore (NUS), Purdue Research Foundation, Nagoya University, Technical Research Center of Finland (VTT), ISIS Innovation of Oxford University, Stanford University, Hebrew University of Jerusalem, Max Planck Innovation and Technion Israel Institute of Technology have also featured emerging technologies in the area of Energy and Environment.

Kat Neo



This is the last issue for year 2008.

Merry Christmas and a Happy New Year.