Nov, 2009

國網中心參加今年的SC09大會

自1998年首次參加SC以來，國網中心每年都會派員參這場一年一度的國際超級電腦盛會，今年亦不例外。SC是全球公認首屈一指的集國際高速計算、網路、儲存和分析於大成的會議，會中展示了來自世界各地最新且最有趣的高速能計算的科技應用，每年都吸引大批相關人員參與。在今年的SC09中，國網中心展示了其最新的研發成果，其項目包含了可再生能源開發、生物醫學計算和模擬、水資源管理、軟體應用開發以及生態監測技術等。其中部份項目並在會展中每日進行現場展示。

The NCHC Again Hosted a Booth at SC09

SC is an annual supercomputing event that the NCHC has participated in each year since 1998. Recognized globally as the premier international conference on High Performance Computing (HPC), networking, storage and analysis, SC09 will feature the most interesting and innovative HPC scientific and technical applications from around the world.

At SC09, we showcased our latest R&D achievements in Renewable Energy Development, Biomedical Computing and Simulation, Water Resources Management, Software Applications Development, and Eco and sensor-based technologies. Several of these topics were demoed live each day of the event.

1st, Oct, 2009

醫療影像處理軟體MiiL成果發表

Medical Image Illustrator（MiiL）是國網中心科學視算實驗室累積多年核心技術，專為醫療研究人員所設計開發的醫療影像處理軟體。本著福國利民之使命願景，國研院國網中心之MiiL 醫療影像處理軟體即將公開推出此軟體，供各界醫療研究人員免費下載使用。MiiL 之功能設計可適用於各種醫療醫學影像資料格式，影像處理時間將可以大幅縮短。而MiiL 可支援3D立體播放設備、以及可將影像成果直接製作成立體影片的特性，可望不久將來也將帶動3D立體影像播放設備廠商的商機。

New Sofeware Release: MiiL Provides Advanced, Intelligent Cerebral Navigation

MiiL is a special medical image processing software developed by the NCHC's Visualization and Interactive Media Laboratory (VIML). MiiL provides diverse medical image processing and 3D real-time display. Very soon, the NCHC will release the MiiL Medical Image processing software, available for all medical researchers to download free of charge.MiiL supports all popular medical imaging formats and greatly reduces the time normally required for image processing. MiiL also supports 3D play equipment, can create stereoscopic images, and will help drive future business opportunities in 3D image equipment manufacturing.

17th, Sep, 2009

TWAREN技術小組會議擴大舉行 TANet連線夥伴共襄盛舉

2009年9月17日由國研院國網中心舉辦的「TWAREN技術小組會議暨應用研討會」於台中前瞻系統事業群首度擴大舉行。研討會由教育部電算中心趙涵捷主任的專題演說「What about end point security?」揭開序幕。會議期間，與會來賓不時與中心實際開發者、及場外服務諮詢人員互動交流，來賓們均感獲益良多。國網中心也期待透過此會議開創一學研網路各連線單位間的對話平台，拓展廣泛的合作機會，讓彼此的關係更加緊密。

The TWAREN Technical Team Meeting 2009 Hosted by the NCHC

The TWAREN Technical Team Meeting and Application Seminar, hosted by the NCHC, was held at the NCHC's central Taiwan "Emerging Systems" Business Unit Office in Taichung, Taiwan on September 17th 2009. Director Han-jie Chao of the Computer Center, Ministry of Education, began the conference with his presentation entitled "Issues Regarding End-Point Security." During the meeting, participants enthusiastically exchanged opinions and ideas among the system developers and service consultants. The NCHC also expects to create an academic research network as a dialogue platform among all related units through this meeting, and extend opportunities for future cooperation to further strengthen mutual relations.

Auguest, 2009

國網中心投入八八水災救災工作不落人後

八月初莫拉克颱風侵襲台灣本島，造成慘重的傷亡與嚴重經濟損失。颱風來襲前的第一時間，國研院國網中心同仁便於8月6日進駐水利署防災應變中心，利用洪水預警報系統(FEWS)，對全島各溪流流域的水文情勢進行分析和研判。八月十一日時又再遣人員進駐防災應變中心，協助水利署、河川局與水資源局使用防災應變格網溝通平台，進行救災工作的溝通和決策。颱風過後，在教育部、國科會及青輔會的指導下，國研院國網中心科學志工團隊迅即組織行動科學團隊，聯合台北教育大學自然科學教育學系、台灣拜耳股份有限公司、台灣科學教育館與受災地區志工團隊，深入災區12所小學，替1300多位學童進行巡迴科學教育課程，輔導災區小朋友課業。

High Tech Assistance In the Time of Need: Disaster Rescue Work

In early August 2009, the torrential rainfall from Typhoon Morakot caused multiple disaster in the southern and eastern portions of Taiwan. During this time of great need, the NCHC devoted its HPC resources to the typhoon relief and reconstruction effort. Volunteer staff of the NCHC were stationed at Taiwan's Water Resources Agency's (WRA) Disaster Prevention and Rescue Center on August 6th as the typhoon made landfall. After the typhoon, the Science Volunteer team supported by the NCHC, along with several other volunteer groups, traveled to 12 primary schools, each located deep within disaster zones, to provide scientific education courses to more than 1,300 school children.