# HHERN NEWS

**Points of interest**

- Bradman Foundation plan for HHERN to power the International Cricket Hall of Fame's education outreach strategy.

- Illawarra Schools seek access to HHERN network after news spreads of our achievments.

- HHERN is delivering NBN speeds now!

- South Australian schools seek advise on how to build their own HHERN during QUESTnet Conference.

- Hi resolution video conferencing requires 5Mbps in both directions which is not possible with ADSL technology.

## AARNET DOUBLES YOUR DATA

AARNet's Chief Executive Officer Chris Hancock has announced a 50% reduction in the Off Net data costs for all customers, beginning in January 2011.

AARNet introduced a number of major charging initiatives in 2009:

- Unmetered Domestic Peering traffic.

- Unmetered Off Peak traffic.

- Waiving some Excess Traffic charges.

- Unmetered Akamai traffic.

These changes have resulted in the percentage of unmetered traffic increasing from around 30% in 2008 to over 70% in 2010. When the current charging formula was first introduced in 2005, unmetered traffic accounted for less than 15%

of all traffic.

At its meeting in June, the AARNet Board approved a number of additional pricing changes for 2010 and 2011:

Excess traffic charges for Q3 and Q4 2010 will be waived.

- 2011 Off Net subscriptions will be the same as for 2010.

- Traffic charges will be reduced from $4 per GB to $2 per GB in 2011.

- The Off Peak period will be extended to 5:00pm – 9:00am during 2011.

The charge for volume-

based customers will reduce to $4 per GB for all download traffic in 2011.

These changes effectively mean that all subscription-based customers will receive double the Off Net traffic allowance for the same charge as in 2010, and that the proportion of unmetered traffic will increase to over 80% in 2011.

For HHERN members this will give a pool of 4 Terabytes of Off Net data to share amongst the group for the same cost.

## HHERN TO THE NBN

A common question asked is: "What will happen to HHERN when the National Broadband Network finally arrives?" The simple answer is we can't be absolutely sure but there are things we know that we know….

We know that the NBN is being rolled out over many years. The second stage is due to commence in the middle of 2011, if the new government pur-

sues it. Stage two will take more than a year to complete. We are most likely looking at many years of waiting but an NBN will happen one day.

HHERN is built to do one thing, deliver fast inexpensive useable capacity to support education, health and research in the region. Sounds like an NBN? Well yes, actually. The NBN is a wholesale network meaning that the

HHERN can join in and provide capacity through the NBN to participants when it finally arrives.

You can be sure that AARNet is working closely with the NBN and that is good for HHERN.

So the NBN will be good for HHERN and our members with all the savings achieved being passed back to members. That is why it is worth joining. Get the NBN benefits now!

# VIDEO CONFERENCE WITH FANTASY AUTHOR KATE FORSYTH.

On Monday the 23rd August as part of our Book Week celebrations, a Year 8 English class along with various students from other year groups, took part in a Video Conference with fantasy author Kate Forsyth.

Two other schools from Victoria and New Zealand also took part in the event. We were able to view the author and other schools on our large screen and interact with them.

Our new fast internet connection as a result of our membership of HHERN has given the College access to authors, museums, and other educational institutions from all over the world without leaving the classroom.

The Kate Forsyth Video Conference was a wonderful literary experience for our students.

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**Kate Forsyth with participating students**

# CHEVALIER STUDENTS GO EXPLORING!

During National Science Week Chevalier students joined in on a live interactive video conference with Tim Jarvis, Polar Adventurer, who gave an exciting account of his recreation of various Antarctic adventures.

Then Prof Graham Durant,


**Tim Jarvis, Polar Adventurer**

Director of Questacon, gave a presentation on the geology of Antarctica

and the Iceland volcanic eruption (which he has recently visited).

The class was able to interact and ask questions of the scientists.

The HHERN connection has opened up a world of education possibilities to participating schools.

# STATE LIBRARY OF VICTORIA

The State Library of Victoria is Australia's oldest public library and Victoria's premier reference and research library.

When it opened in 1856, the library contained less than 4,000 books.

Today the library houses more than 2 million collection items, has over 1.5 million visitors a year and provides digital access to 35,000 electronic publications. The Library also provides approximately 30 terabytes of data to library users, something that is expected to increase sharply with its new AARNet connection.

You can read the rest of the story in the August AARNet News.


**Ned Kelly's armour on display in the State Library of Victoria**