

## **And did those lines?**

And did you read those isolines  
drawn upon MetO tephigrams?  
And was the full amount of CAPE  
One hundred Joules per kilo- gramme?  
So did convective triggering  
Remove those lapsed, repented CINs?  
And was that tephigram all you need  
to find those diabatic winds?

*(Congregation)*

Bring me my ra-diosond ascent  
winged from an RS95.  
Now plot the dry and dewpoint temp  
Normand's construction comes to life!  
The pseudo a-dia-at-a-bat  
will meet the mixing ratio, sure  
Till we have found the dewpoint  
po-tential tempe-re-r-ature!

## Oh Benny Cosh

*(Maarten)*

Oh Benny *Cosh*, your name is hyperbo-o-lic

It is two ex-ponentials combined.

The curve it makes, we call it a catenary

And functionally your friend is Keith *sinh*.

*(Giles)*

Subtract their squares to make it into unity

Which is deduced, by cancelling the terms.

But please avoid succumbing to hyperbole

The University -- it cannot cancel Terms.

(With thanks to Miguel Teixeira.)

## Should old equations?

In sup-er-sat-ur-at-i-on  
For which a droplet pines  
Kohler, although a Scotsman...not,  
has helped deduce the sign  
of growing droplets. We can find  
Their vital rad-i-i  
And Kelvin (nor a Scotsman too)  
allowed for  $r$ -squared  $\pi$

*(Congregation)*

We whirl the moist psychrometer  
About the student's head  
It is so much safer now  
Now mercury's left for dead  
We read the wet bulb from the scale  
And then seek out the cool -  
"For asymptotic airflow  
 $A_p$  is two-thirds" rule.

Should old equations be forgot  
and never brought to mind  
should old equations be forgot  
and Bolton's hard to find  
 $e_{es}$  is six point one and one  
times expo-nen-ti-al  
17 point 67 T divided  
by 243.5 plus T.

## **Hail Asperitas**

Guide me, O thou great Luke Howard  
Pilgrim through cloud physics land  
I like Met, but thou are Met-ier  
Hero of the Latin band  
Hair-like ice or heaped or graupel-full  
Clas-sif-y each cloud by hand! (...each cloud by hand)  
Clas-sif-y each cloud by hand!

*(Congregation)*

Cumulus or voluptuous mammatus  
From the surface we can see  
Stratus, cirrus, dark Nimbostratus  
Incus for the anvil tree  
Cum-u'l- nim-bus! Cum-u'l- nim-bus!  
Thundercloud to you and me (...to you and me)  
Thundercloud to you and me

This year there's been modern innovation  
Beyond that which Luke Howard saw  
Digital pics, through mobile inculcation  
Show there is just something more.  
Hail Asperitas! Hail Asperitas!  
In the Atlas evermore (...asperitas)  
In the Atlas evermore.

Hail Asperitas! Hail Asperitas!  
In the Atlas evermore (...asperitas)  
In the Atlas evermore.