LSST spectroscopic follow-up

A few personal thoughts on the BROKER issue

And fodder for a lively discussion

Jeu de conjugaison:

Utilisez le conditionnel

Payez une bière

Exemples:

we should really find more spectroscopic follow-up time somewhere!

it would be good to have an unused 4m class telescope

What if ESO TAC could see the light and give us all of MUSE time for the next decade ?

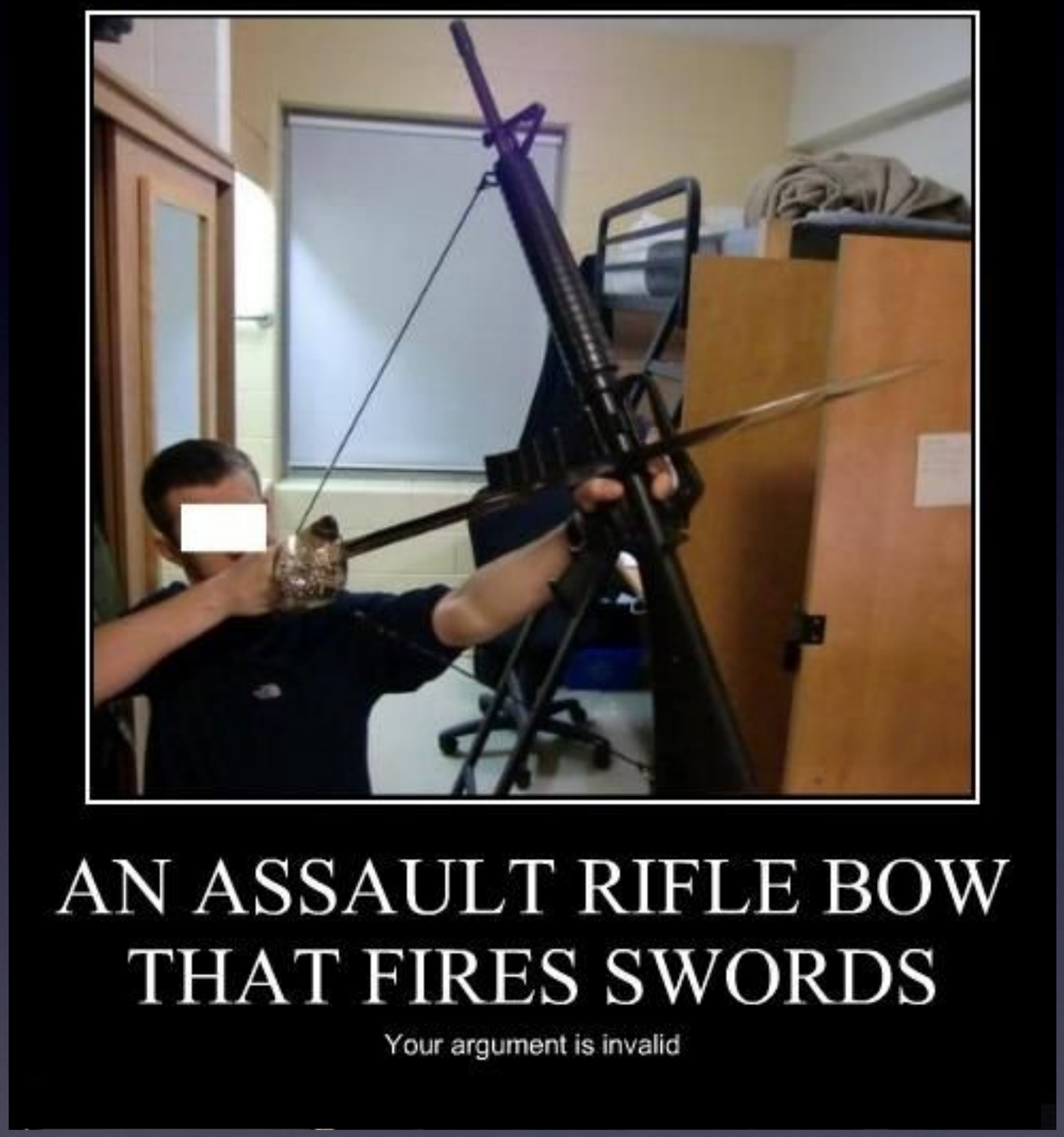
Illustrating the broker situation:

Illustrating the broker situation:

Spectrographs

Brokers

The real bottleneck is the limited Worldwide spectroscopic power



Swiss-army knife approach unsuitable

We need to decide first WHAT we want to do...

... And no, we can’t do it all

Focus on the SNe Ia:

Join existing projects:

Complex discussion on the science goals

4MOST-TIDEs

Nearby SNe Ia and bulk flows very promising

Need many accurate redshifts in a defined wavelength region

Need to point fast and often

Project: build a dedicated IFU and re-use an existing telescope

L'Antilogotron

SNe Ia physics:

Use current low-pressure spectroscopic abilities

High resolution at OHP

We need to decide first WHAT we want to do...

... And no, we can't do it all

<u>Work paradigm:</u> Spectroscopists are not in any danger to starve soon

What science do YOU want to do ?

What are the exact spectroscopic needs for it ?

Can you secure them with what already exist ?

Can you build the DEDICATED TOOL you need ?

<u>NB:</u> I don’t know is a fine answer…

…that doesn’t need to be brooded over