



# Four billboard messages for Photosensor Companies

MAGIC 15<sup>th</sup> Anniversary      June 27th      La Palma

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# The MAGIC-I first camera

- IFAE took responsibility to produce the MAGIC-I camera.
- Eckart wanted us to explore photosensor options to optimize choice.
- We were complete newbies.
- and... we discovered photosensor features that were unexpected for Photosensor Companies (and also for Eckart !).

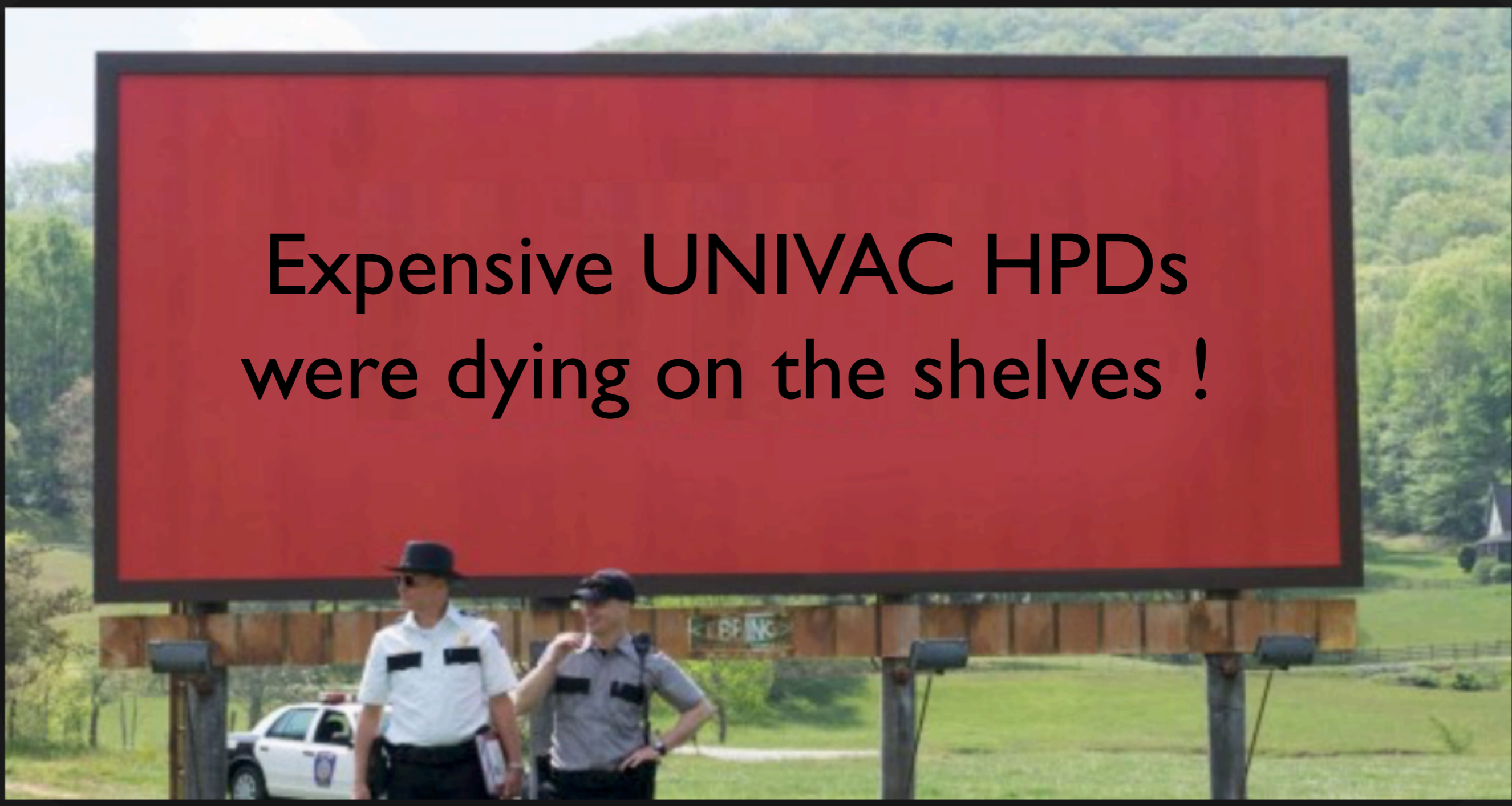




ET PMTs were nice “maracas” !

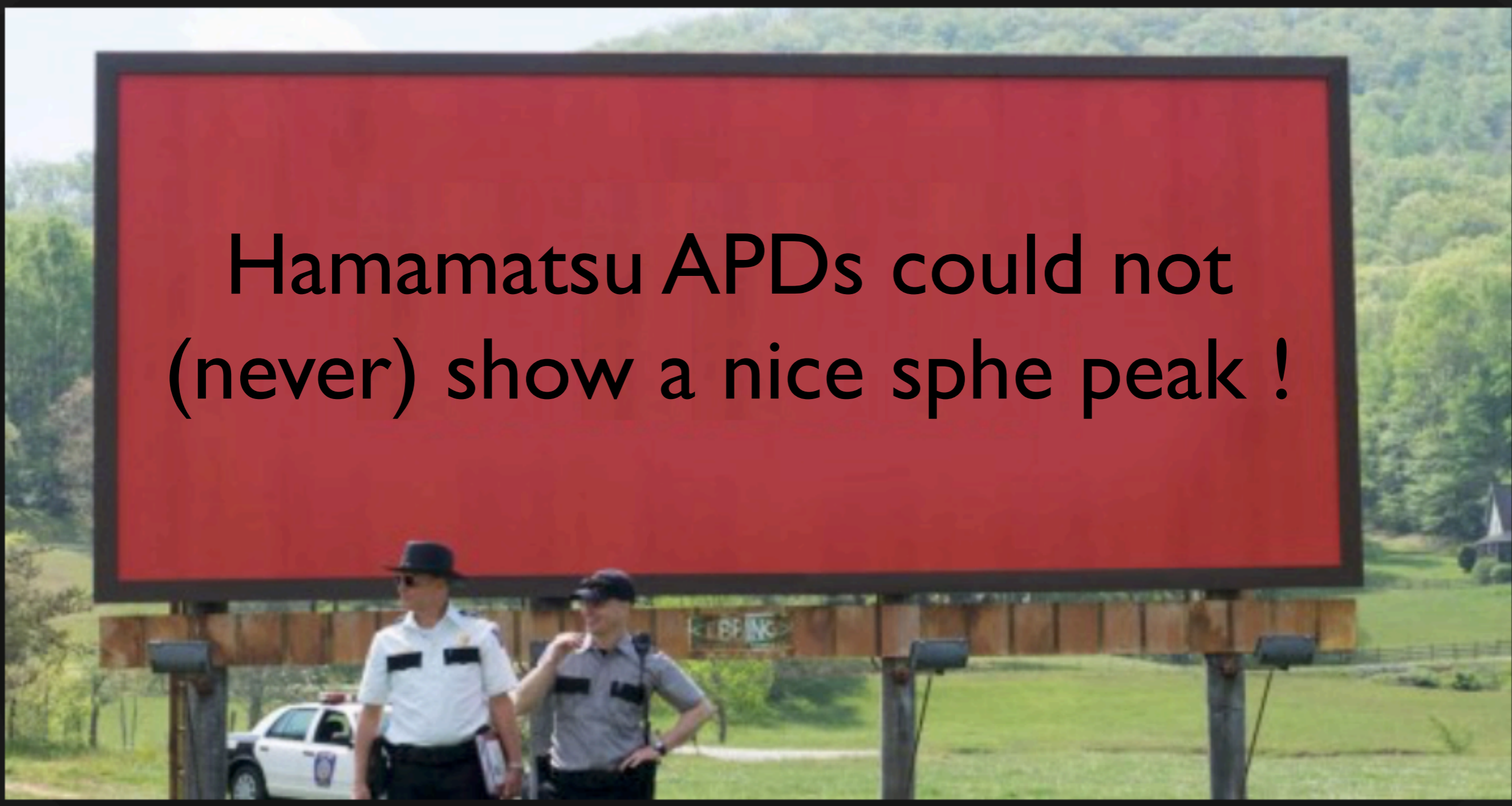


Expensive UNIVAC HPDs  
were dying on the shelves !





Hamamatsu APDs could not  
(never) show a nice sphe peak !



ET PMTs would gain efficiency  
by dirtying its photocathode  
window !



# Lessons learnt:

The search for new instrument improvements was a motto for MAGIC

and

transformed (very motivated) newbies into annoying customers...