

Beyond HD

wat kun je ermee?



van **SD** via **HD** naar **4k**



SD: 720x576
4:3 aspect
0.4 megapixel



HD: 1920x1080
16:9 aspect
2 megapixel (5x)



4k: 4096x2160
1.89:1 aspect
8.8 megapixel (4.4x)

Eigenschap:
Haarscherp



Eigenschap:
Hoog dynamisch bereik



Trend: meer pixels



Iphone 3G: 480x320 (0.15mp)



Iphone 4: 960x640 (0.6mp)

Trend: 4k bioscopen

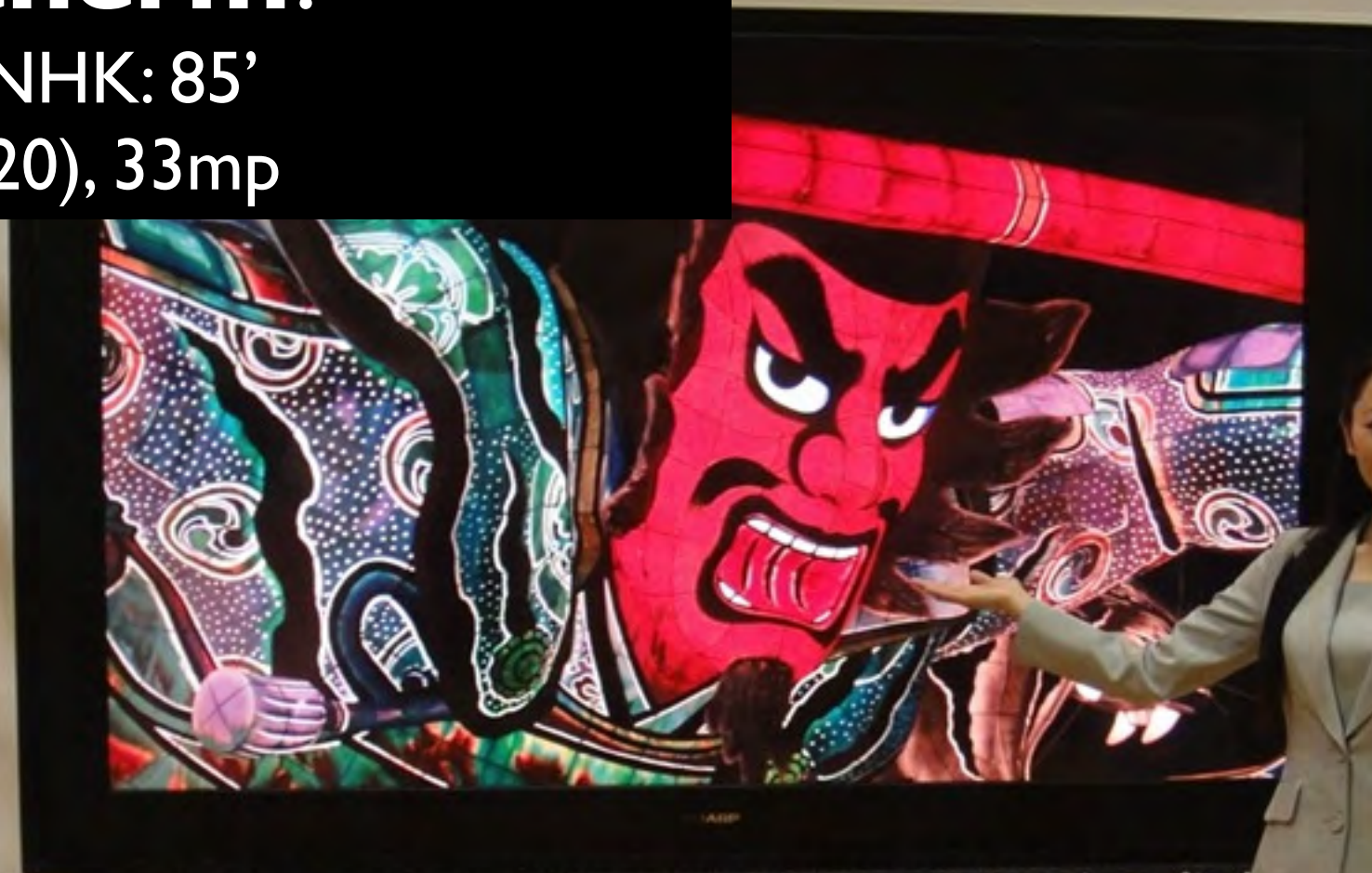


Verre toekomst: **8k tv in 2020?**



... **8k scherm?**

Sharp & NHK: 85'
(7680x4320), 33mp



世界初 スーパーハイビジョン対応直視型85V型液晶ディスプレイ

2011: 4k met spiegelreflex



**2011: nieuwe 5k/ 8k camera's
van Red (5k) en Sony (8k)**



Toepassing: **3d-4k**



FC Chelsea vs Wolverhampton, 23 Oct 2010

pid: 050.001_Chelsea2010-HD-Preview - second half
rate: 25 fps - start: 1 end: 97560 - start. tc.: 16:13:50:13



cam01

cam02

cam03

cam04

cam05

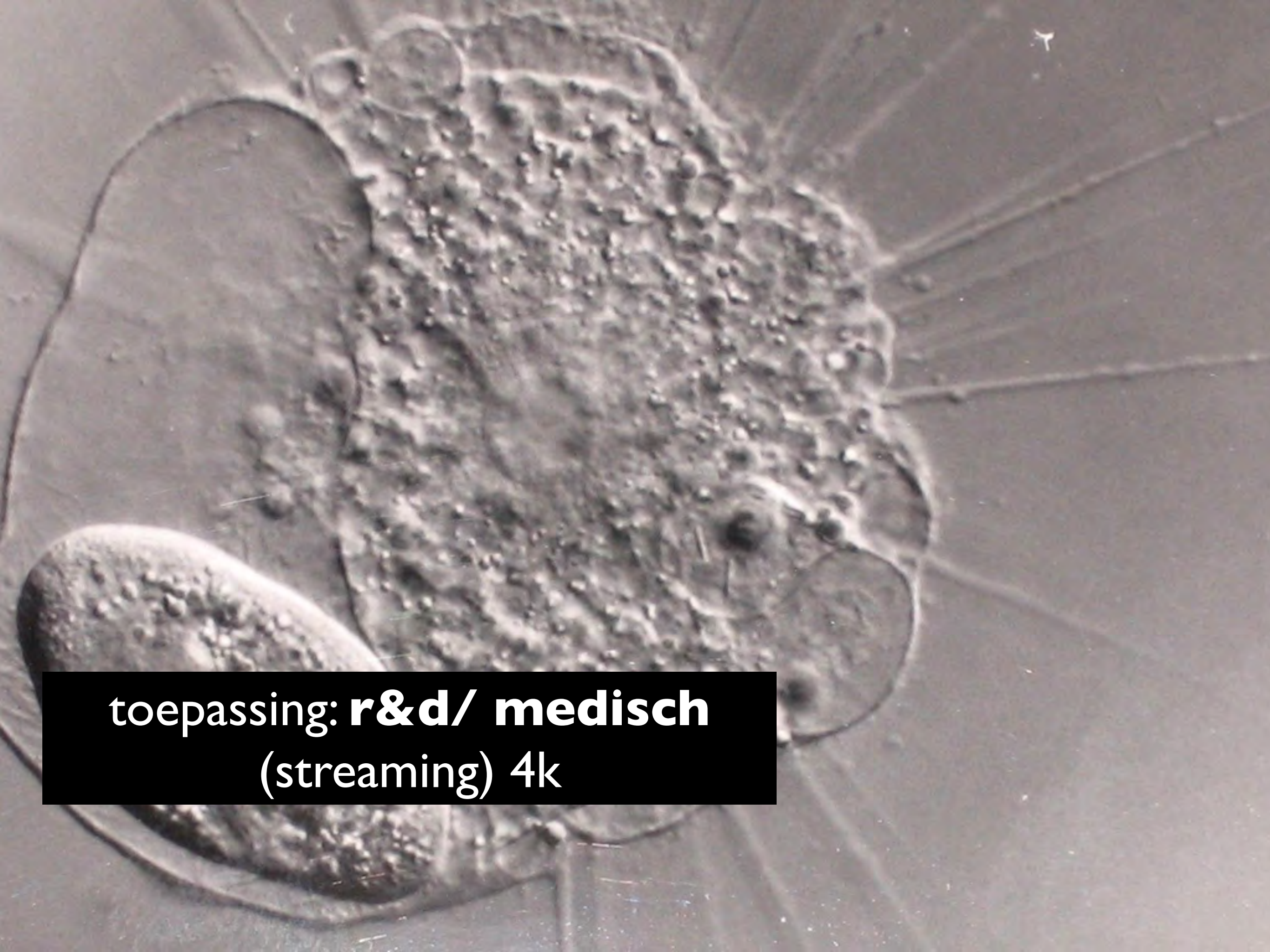
16:41:08:11

toepassing:
meer pixels = meer zoom





meer zoom = meer toepassingen



toepassing: **r&d/ medisch**
(streaming) 4k

toepassing: **control room**



toepassing:
4k crowd sourcing



Meer info:

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Seeing is believing...

