







So now that we have established that we want to measure player experiences...

HOW does one measure them
In a sensitive, reliable, valid unobtrusive and preferably automatic way?

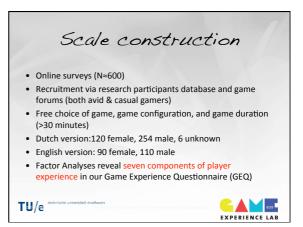
TU/e

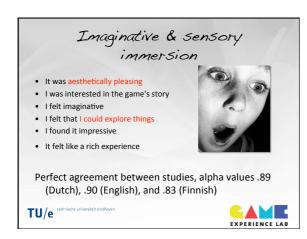
Bruce Phillips, a user research engineer at Microsoft Game Studios:

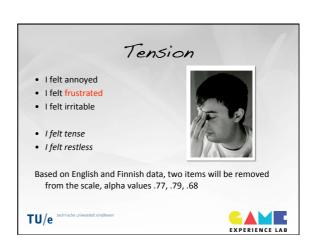
• "I often find myself unsure of what users are experiencing when they play our games. [...] The video game industry does not have a broadly accepted, generally agreed upon framework for describing the experiences our products are intended to create." (Phillips, 2006, p. 22/23).

• Player experience is complex, multi faceted, and dynamic: it changes constantly as the game unfolds

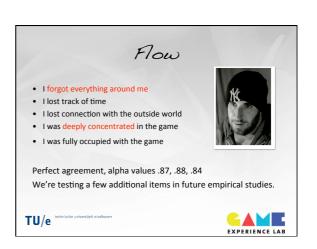


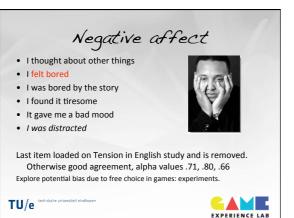






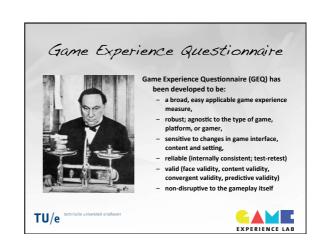












Now we have a sensitive, valid and reliable GEQ, but...

Self-report measures have a few downsides:

• they disrupt the experience, or can only be used after the fact

• they require reflection (memory, awareness, bias)

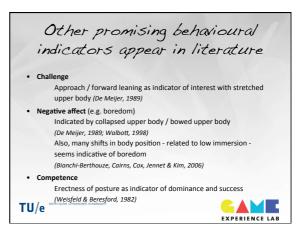
• not everyone can fill in a questionnaire

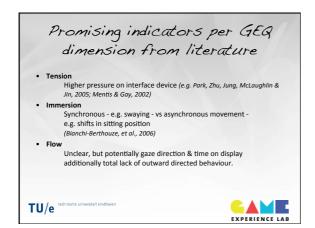
• they are not dynamic, games are...

TU/e







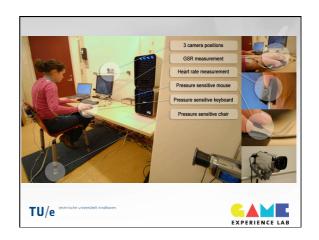


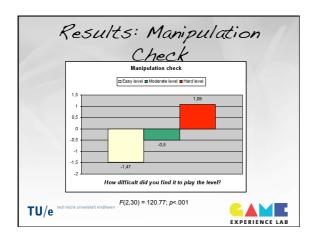


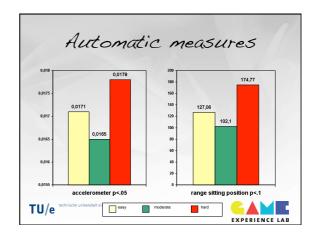


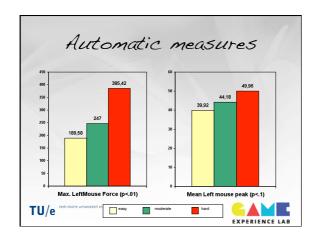


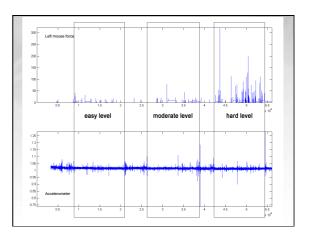
























This work is licensed under the Creative Commons Attribution-Noncommercial-Share Alike 3.0 License.

To view a copy of this license, visit

http://creativecommons.org/licenses/by-nc-sa/3.0/

or send a letter to

Creative Commons, 171 Second Street, Suite 300, San Francisco, California, 94105, USA.

## © creative commons

Attribution-NonCommercial-ShareAlike 3.0 Unported

## You are free:



to Share — to copy, distribute and transmit the work



to Remix — to adapt the work

## Under the following conditions:



Attribution. You must attribute the work in the manner specified by the author or licensor (but not in any way that suggests that they endorse you or your use of the work).



Noncommercial. You may not use this work for commercial purposes



**Share Alike**. If you alter, transform, or build upon this work, you may distribute the resulting work only under the same or similar license to this one.