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# Sequential Art for Science and CHI

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**Abstract**

This paper illustrates our preliminary studies of new interactive tools that support the generation of sequential art for entertainment, learning and scientific discourse. In the first of two examples, primary school students document a practical science session through the creation of a photostory. In the second, participants in a study on the biological nature of thrill create a souvenir photostory by selecting images from a DVD. The paper is written in a comic-book format to further explore and highlight the communicative capabilities of the medium, one that can be visually attractive and facilitate rapid dissemination to a wide audience.

**Keywords**

Comic, photostory, photo-story, sequential art, experience report, visual aesthetics, narrative

**ACM Classification Keywords**

H5.0 INFORMATION INTERFACES AND PRESENTATION: General; K.3.2 COMPUTER AND EDUCATION: Computers and Information Science Education;

**General Terms**

Design, Documentation

**Introduction**

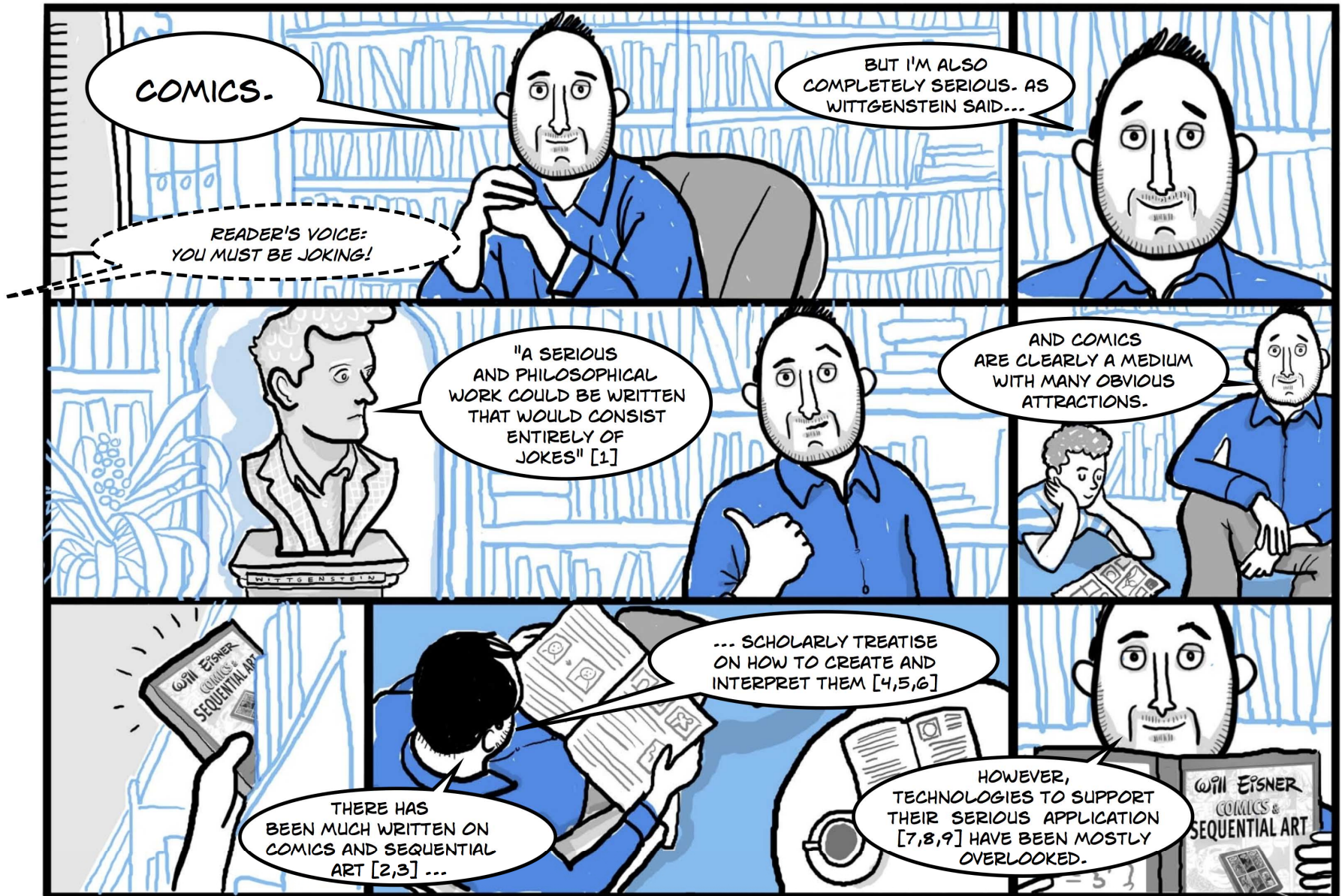
Whether it is the latest piece of blockbusting entertainment or the explanation of a physical law in a school science lesson, effective communication is key - and this is often achieved through storytelling. To this end, this paper examines the capabilities afforded by...

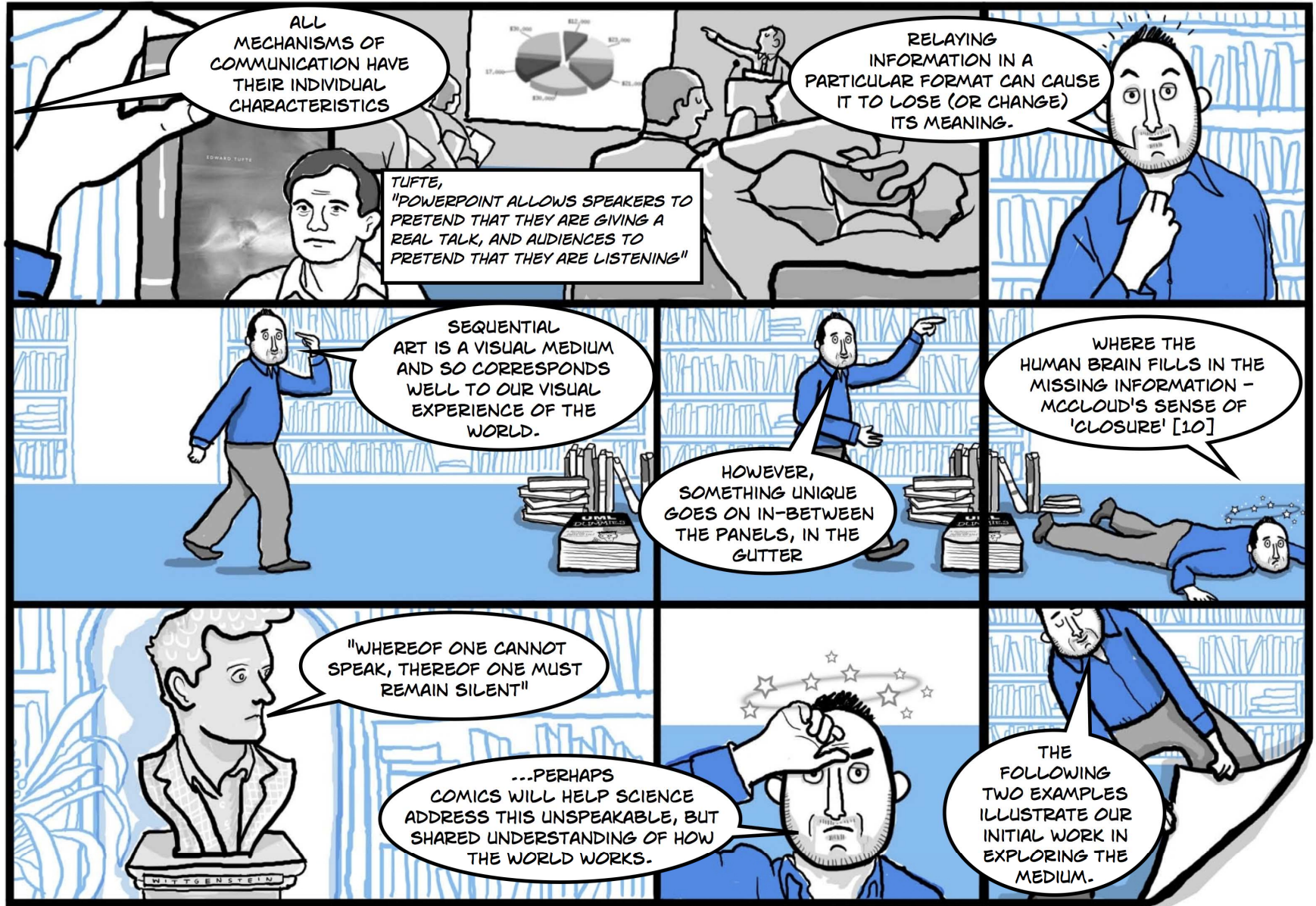
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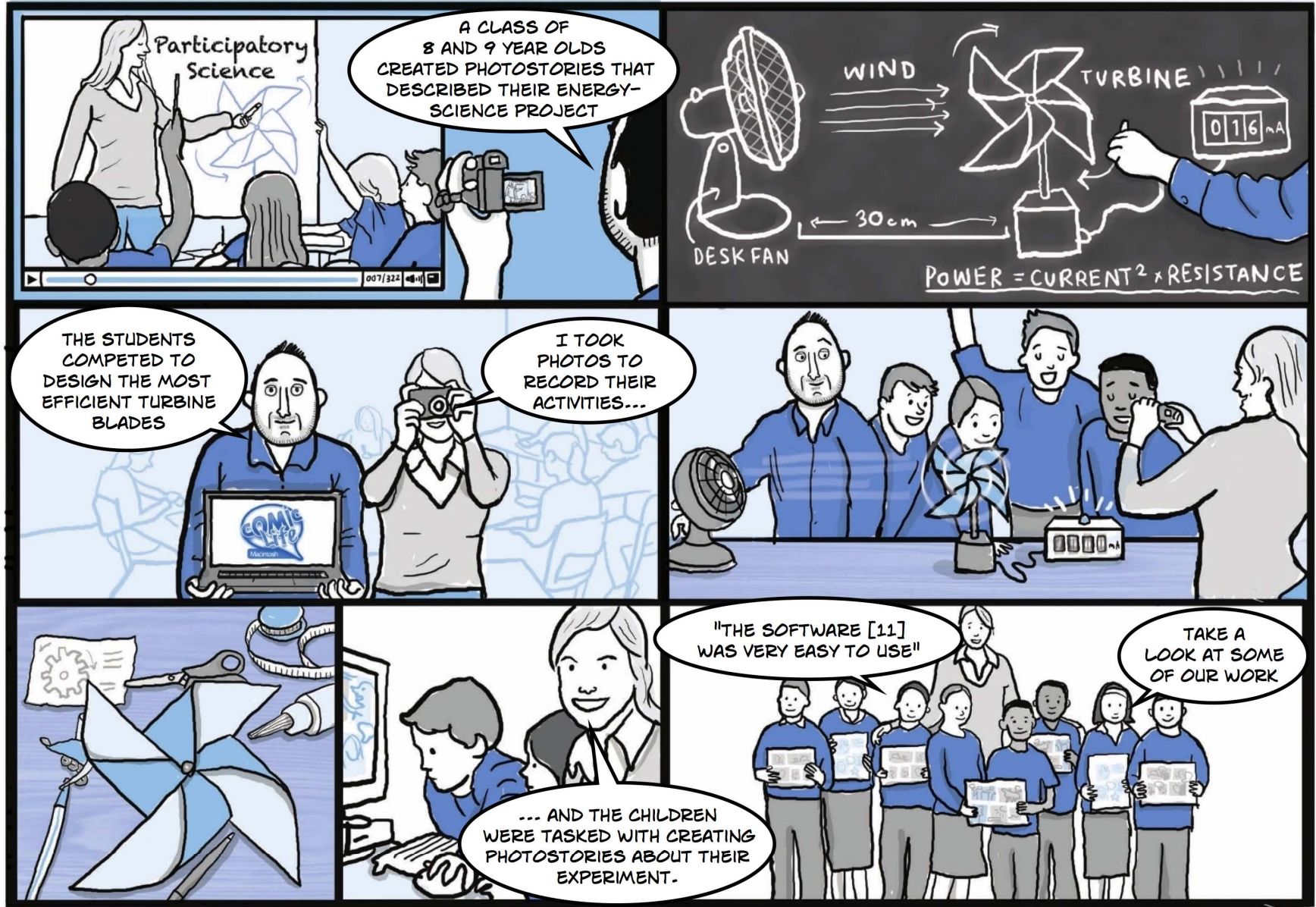
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CHI 2010, April 10–15, 2010, Atlanta, Georgia, USA.

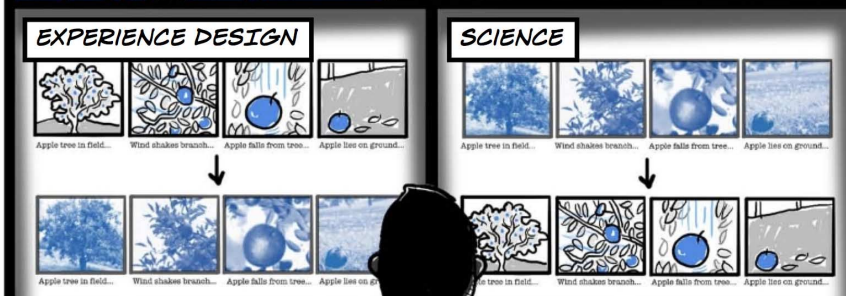
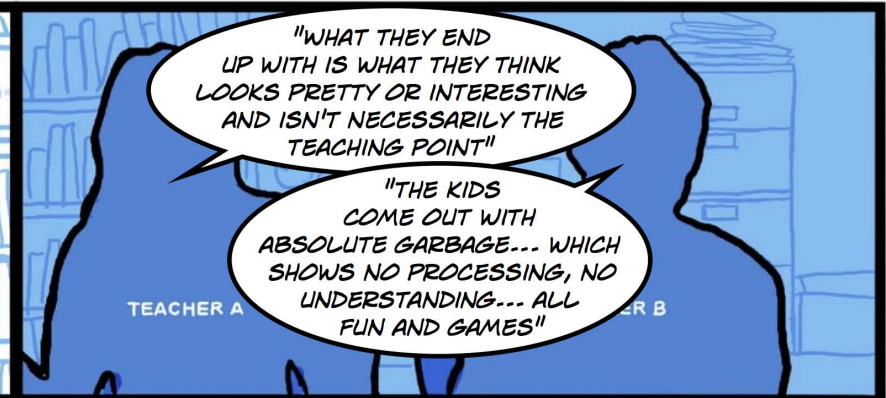
ACM 978-1-60558-930-5/10/04.





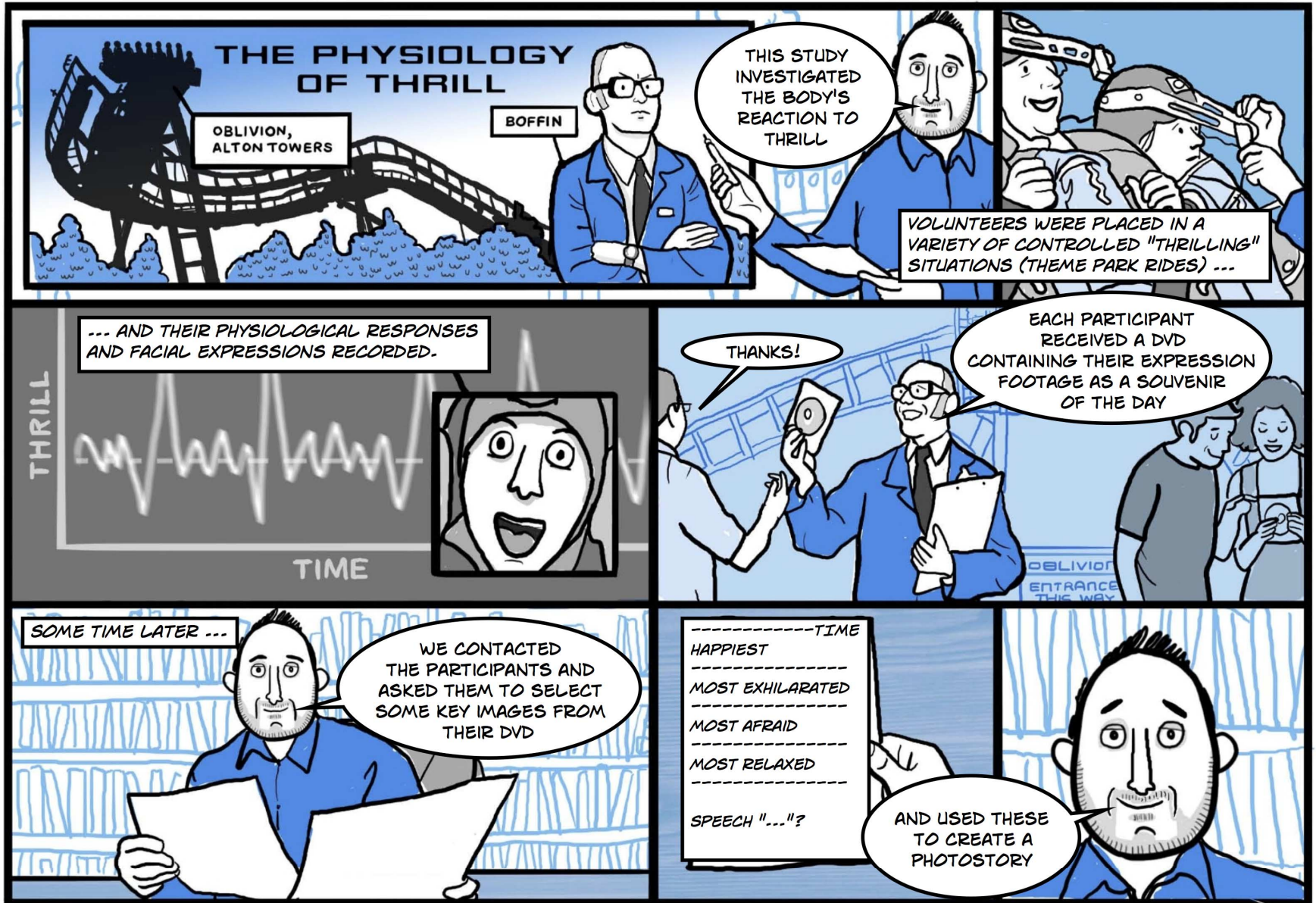






IN A DIRECTION OPPOSITE TO THAT WHICH STORYBOARDS ARE TRADITIONALLY USED (E.G. FILM MAKING), THE STUDENTS LEARNED HOW REALITY CAN BE SAMPLED AND DISTILLED INTO CONCEPTS.





**THRILL LABORATORY**

WE WILL MEASURE YOUR BIOLOGICAL RESPONSES... TO TERROR!!

RELAXED..

SMIIIIFF!

HOW DID I GET INTO THIS? PERHAPS I COULD JUST DISAPPEAR!

LOOK! I'M INVISIBLE!

YAAAAARRRRGGG!!!!

WOH-HO, WE'RE HALF WAY THERE....

WOO-HOO LIVIN' ON A PRAYER!

**JOHN SMITH - 16/10/08**

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**THRILL LABORATORY**

WE WILL MEASURE YOUR BIOLOGICAL RESPONSES... TO TERROR!!

HAPPY...

OH MY GOD!

HOW DID I GET MYSELF INTO THIS?

YAAAAARRRRGGG!!!!

NEVER AGAIN!

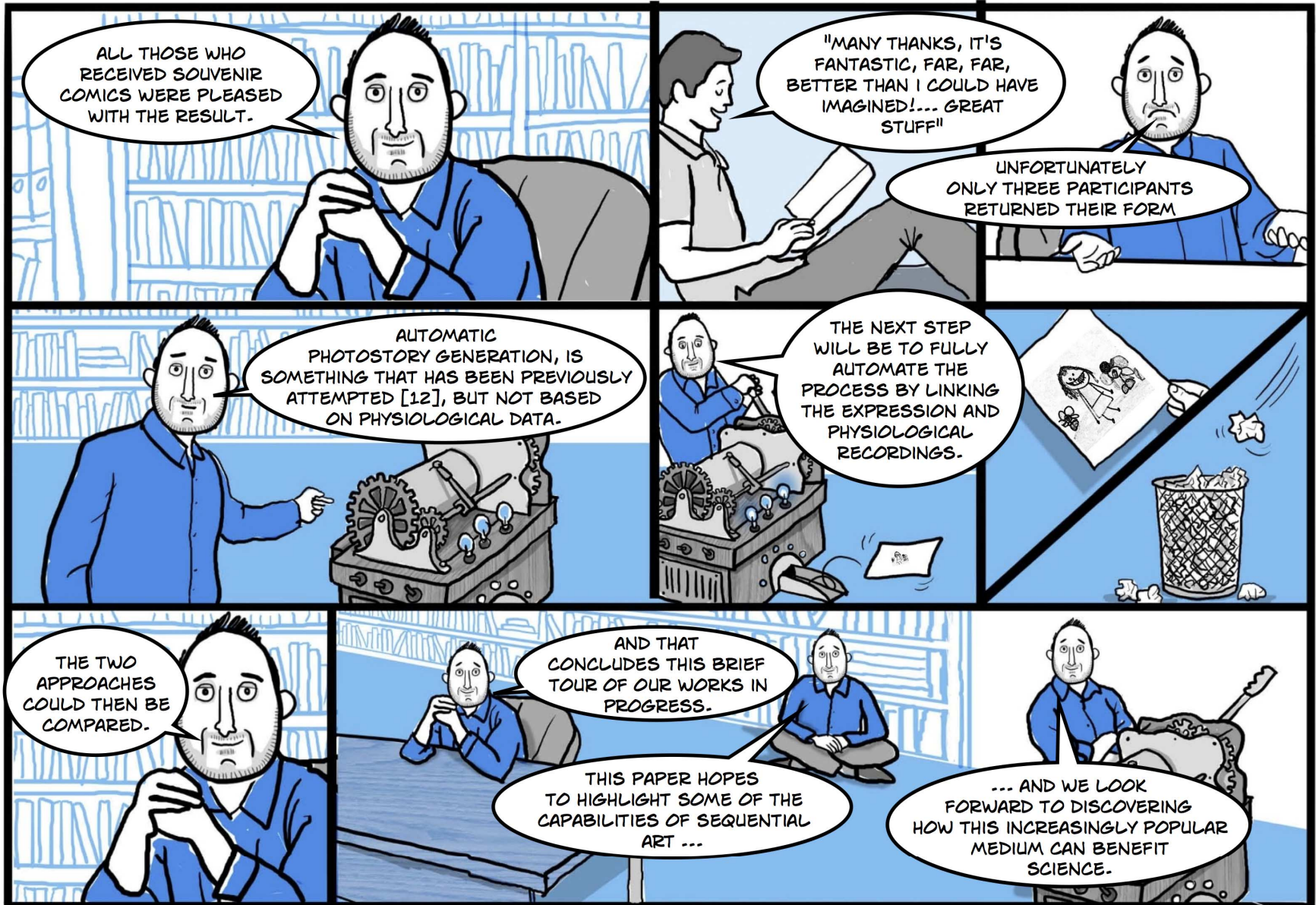
...IT'S OVER!

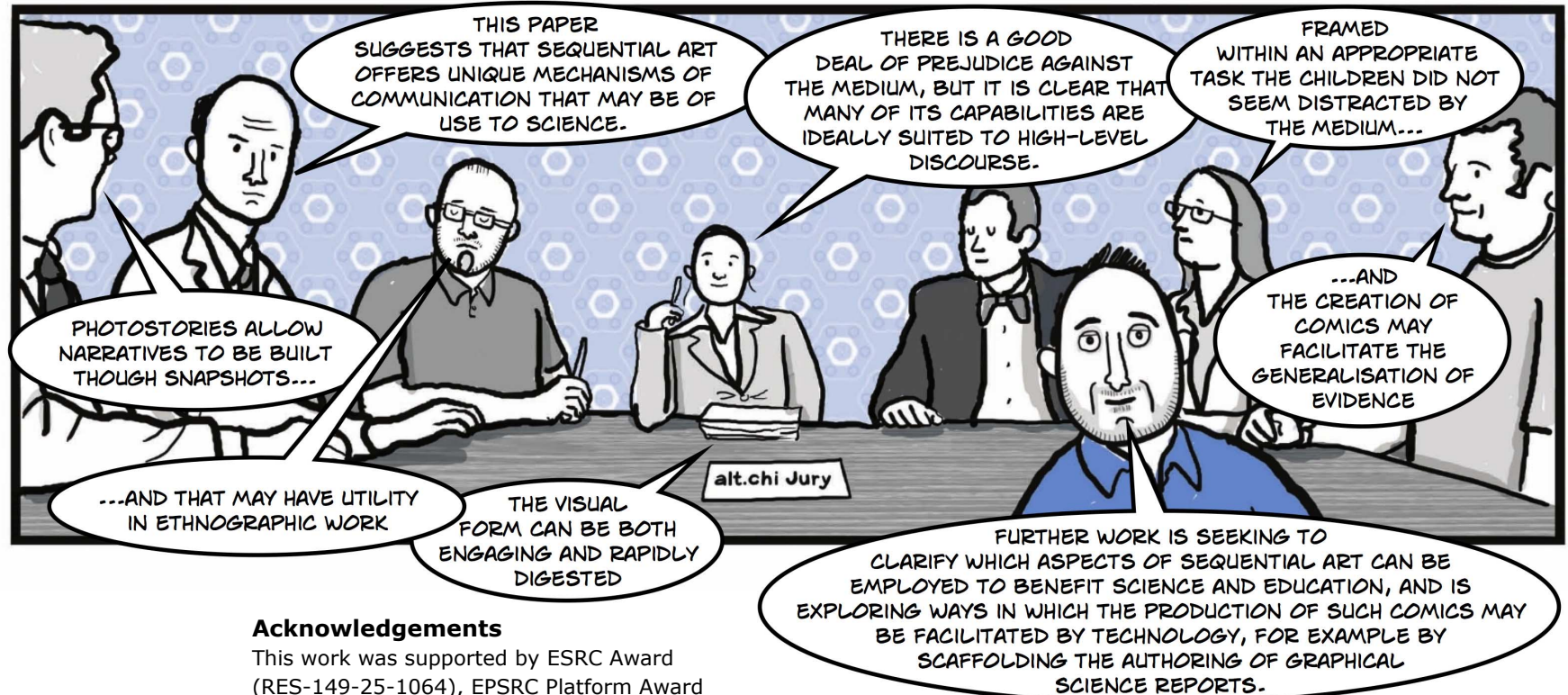
I'M GOING TO CHUCK!

**JANE BLOGS 16/10/08**

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### Acknowledgements

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