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(2021)

Negotiating the coming together of live-action and animation: Virtual production and the creative process of the short film A Future Vision of Trauma Care.

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<https://vimeo.com/507069746>

**Negotiating the coming together of live-action and animation:
Virtual production and the creative process of the short film *A
Future Vision of Trauma Care***

**Abstract overleaf
ERA code: NPC1**

Author(s)

**Joe Carter, Sorin Oancea, Mark David Ryan, Maria Zelenskaya, Tfer
Newsome, Steven Mohr**



Abstract <= 250 words/(2000 chars incl. spaces)

The 5-minute short film *A Future Vision of Trauma Care* is the outcome of a research project funded by the Jamieson Trauma Institute, Royal Brisbane and Women's Hospital. The research team were approached by the JTI to produce a short film that created a futuristic vision of what trauma care may look like in 2030. The practice-led research at the core of this project was inspired by the virtual production (VP) process adopted by the large budget television series *The Mandalorian* (2019), using LED (Light Emitting Diode) screens and volumes to generate virtual sets that allow for the replacement of physical sets, characters and objects with digital substitutes. Behind the scenes footage from *The Mandalorian* (2019) propagated an overly sanguine view of VP's potential and it shaped widely held beliefs that filmmakers from one-person teams and low-budget independent filmmakers to large scale productions can easily adopt VP. This led to a view in the field of film practice that VP will soon replace traditional live-action film production and the approach is easily implemented by practitioners without large budgets and funding for technical support. A research team from Film, Screen, Animation, at the Queensland University of Technology (QUT) – comprised of screen practitioners and researchers – set out to produce a short film to examine the workflow and efficacy of low-budget VP. In particular, the research examined the implications of a VP workflow for the live-action and animation directors collaborating on set.

A Future Vision of Trauma Care: Production stills



Image credit: Steven Mohr



Image credit: Joe Carter



Image credit: Sorin Oancea



Image credit: Joe Carter

A Future Vision of Trauma Care: Production stills



Image credit: Steven Mohr



Image credit (above and top two images to the right): Steven Mohr

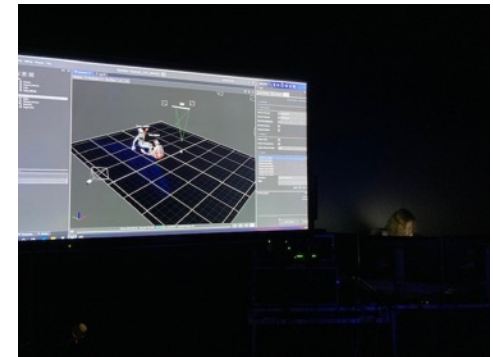


Image credit: Mark David Ryan



Image credit (above and right): Mark David Ryan



Screen grabs from the film



The screenshot shows a Vimeo video player interface. The video content depicts a futuristic medical consultation in a bright, clean room. A man in a grey shirt sits on a yellow chair, talking to a glowing blue digital human figure. Another glowing blue figure stands on a platform. A computer monitor in the background displays a 3D model of a human torso. The video player includes a progress bar at 06:36 and various control icons like play, volume, and settings.

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A Future Vision of Trauma Care in QLD

8 months ago | More

 **Joe Carter** PRO + Follow

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Directed by Sorin Oancea & Joe Carter
Produced by Joe Carter

More from Joe Carter

Autoplay next video

-  A Future Vision of ...
Joe Carter
-  2020 QUT Open ...
Joe Carter

Screen grabs from the film



Project presentation and launch, Jamieson Trauma Institute, 4 February 2021

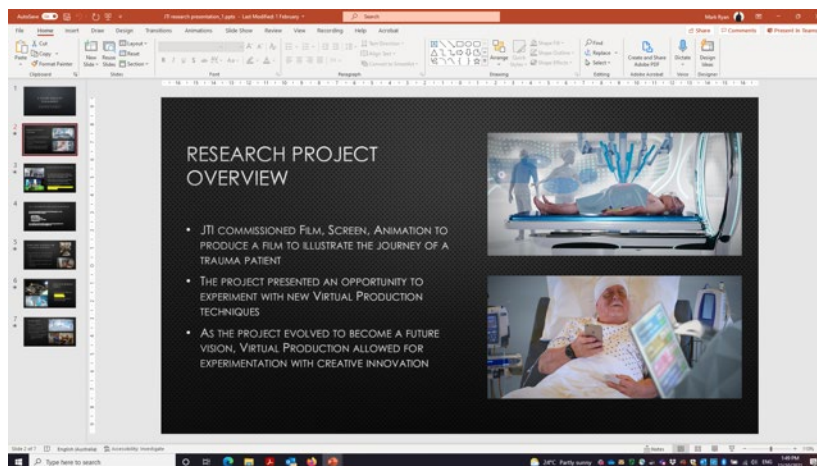
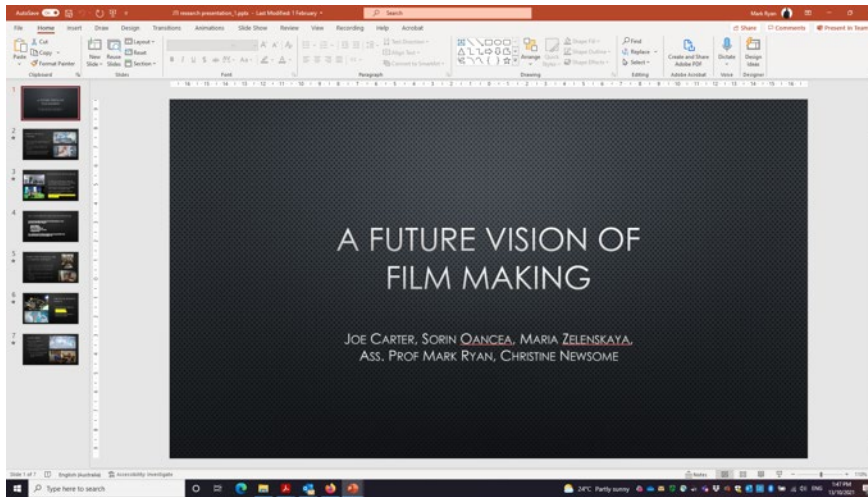


Figure 1: *Project launch, NTRO: Negotiating the coming together of live-action and animation, Jamieson Trauma Institute, Royal Brisbane & Women's Hospital (RBWH), 4 February, 2021. Photographer: Mark David Ryan*

QUT media release, 2 March 2021

The screenshot shows a web browser window with the URL <https://www.qut.edu.au/news?id=173970>. The page header includes the QUT logo and navigation links for 'Study', 'Research', 'Engage', 'About QUT', and 'QUT Online'. The main headline is 'QUT unveils future of trauma care in virtual production'. Below the headline is a blue button labeled 'See all QUT news' and social media icons for Twitter, Facebook, YouTube, Instagram, and LinkedIn. A 'Media enquiries' section provides contact information for the QUT Media Team, including a phone number (+61 73138 2361) and an email address (media@qut.edu.au). A 'Sign up to the QUT News and Events Wrap' section features an email input field and a 'Sign Up' button. A 'QUT Experts' section includes links for 'QUT Staff Profiles' and 'Find an expert'. A social media section for '@QUT' features a tweet from HacksHackersBNE. The article text, dated 2nd March 2021, describes a virtual production project for a film about a trauma patient, mentioning the Jamieson Trauma Institute and the film 'The Future Journey of a Trauma Patient'. The article is directed by Sorin Oancea and Joe Carter. The browser's taskbar at the bottom shows the date as 12/07/2021 and the time as 2:48 PM.

QUT unveils future of trauma care in virtual production

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Our next event about the art and science of hapic storytelling will be at aQUT's on Thursday, July 22, 2021. Fingers crossed were all free to mingle again by then. RSVP: <https://t.co/28fYs8u8F>

2nd March 2021

It's 2032 and an elderly man lies critically injured on a remote road in Goondiwindi following a car accident. His life is in the balance, but data visualisation, remote robotics, bio-fabrication and virtual care will combine to give him the best possible chance of survival.

The story is told through a new film made by QUT's School of Creative Practice using groundbreaking Disney-inspired virtual production techniques to visualise the future of trauma care.

Commissioned by the [Jamieson Trauma Institute](#) at Royal Brisbane and Women's Hospital, [The Future Journey of a Trauma Patient](#) is QUT's first major virtual production release, integrating an actor into fully digital virtual environments to tell the story.

Directed by Sorin Oancea and Joe Carter, lecturers in film and animation at QUT's School of Creative Practice, the project brought together a team of researchers, animation and film students, and acting students who portrayed the medical staff through motion capture. Professional actor Errol R J Morrison was employed to play the trauma patient.



Figure 2: QUT media release, *The Future of Trauma Care*, online, 2 March 2021, www.qut.edu.au/news?id=173970

National media coverage

THU 15 APRIL 2021

Joe Carter - Future of Trauma Care virtual production



QUT team use Star Wars film technology to predict healthcare of the future

The Age by Stuart Layt 27 Feb 2021 1:00 PM

842 words • ASR AUD 56,757 • Australian Internet • ID: 1405491396

[Read on source site](#)

Audience

128,989 UNIQUE DAILY VISITORS, 12,160 AVERAGE STORY AUDIENCE

QUT team use Star Wars film technology to predict healthcare of the future

Sydney Morning Herald by Stuart Layt 27 Feb 2021 1:00 PM

842 words • ASR AUD 49,294 • Australian Internet • ID: 1405491474

[Read on source site](#)

Audience

305,948 UNIQUE DAILY VISITORS, 17,962 AVERAGE STORY AUDIENCE

QUT team use Star Wars film technology to predict healthcare of the future

Brisbane Times 27 Feb 2021 10:00 PM

842 words • ASR AUD 3,288 • Brisbane Times Internet • ID: 1405491012

[Read on source site](#)

Audience

38,534 UNIQUE DAILY VISITORS, 1,671 AVERAGE STORY AUDIENCE

QUT team use Star Wars film technology to predict healthcare of the future

WA Today by Stuart Layt 27 Feb 2021 10:00 PM

841 words • ASR AUD 1,528 • Australian Internet • ID: 1405492317

[Read on source site](#)

Audience

22,063 UNIQUE DAILY VISITORS, 943 AVERAGE STORY AUDIENCE

QUT team use Star Wars film technology to predict healthcare of the future

Internewscast 27 Feb 2021 10:19 PM

678 words • ASR NIA • QUT - International Online • ID: 1405494181

[Read on source site](#)

Audience

NIA UNIQUE DAILY VISITORS, NIA AVERAGE STORY AUDIENCE

The Royal Brisbane and Women's Hospital has commissioned a short film about trauma care. ...

Channel 9, Brisbane, National Nine News (Sunday), Jonathan Uptin 28 Feb 2021 6:30 PM

Duration: 0 min 41 secs • ASR AUD 9,124 • QLD • Australia • Radio & TV • ID: X00086384192

Audience

257,000 All, 123,000 MALE 16+, 133,000 FEMALE 16+

Also broadcast from the following 8 stations

Channel 9 Darwin (Darwin), Southern Cross Bundaberg (Bundaberg), Southern Cross Cairns (Cairns), Southern Cross Mackay (Mackay), Southern Cross Rockhampton (Rockhampton), Southern Cross Sunshine Coast (Sunshine Coast), Southern Cross Toowoomba (Toowoomba), Southern Cross Townsville (Townsville)

QUT unveils future of trauma care in virtual production

Mirage News 02 Mar 2021 8:53 AM

760 words • ASR AUD 804 • QUT - International Online • ID: 1406436219

[Read on source site](#)

Audience

12,343 UNIQUE DAILY VISITORS, 288 AVERAGE STORY AUDIENCE

QUT unveils future of trauma care in virtual production

The National Tribune 02 Mar 2021 8:54 AM

751 words • ASR NIA • QUT - International Online • ID: 1406437453

[Read on source site](#)

Audience

NIA UNIQUE DAILY VISITORS, NIA AVERAGE STORY AUDIENCE

Future of trauma care unveiled in virtual production

Scinex by Amanda Weaver 02 Mar 2021 11:43 AM

305 words • ASR AUD 2,632 • QUT - International Online • ID: 1406499177

[Read on source site](#)

Audience

1,600 UNIQUE DAILY VISITORS, 969 AVERAGE STORY AUDIENCE

Future of trauma care unveiled in virtual production

Medical Xpress 03 Mar 2021 12:55 AM

746 words • ASR NIA • QUT - International Online • ID: 1406798047

[Read on source site](#)

Audience

NIA UNIQUE DAILY VISITORS, NIA AVERAGE STORY AUDIENCE

Future of trauma care unveiled in virtual production

Postintrend by Kareem Ansari 03 Mar 2021 1:20 AM

820 words • ASR NIA • QUT - International Online • ID: 1406813517

[Read on source site](#)

Audience

NIA UNIQUE DAILY VISITORS, NIA AVERAGE STORY AUDIENCE



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Figure 3: Media report. *The Future of Trauma Care*. Australian and International press, 27.2.21 – 3.3.21, Isentia Media Service

Queensland University of Technology

CRICOS No. 00213J

ASPERA conference presentation, 16 June, 2021

ASPERA final program.pdf - Adobe Acrobat Pro DC (32-bit)

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1 / 3 200%

ASPERA CONFERENCE PROGRAM DAY 1 – Wednesday 16 June

START	SESSION	DETAILS	ROOM
8.30am	Registration		X502
9.00am	Welcome	Welcome to Country Welcome comments: Paul Egglestone	X502
9.30am	Keynote 1	Matthew Deaner CEO Screen Producers Association of Australia	X502
10.30am	Morning Break		X502
10.50am	Presentations	Production (Chair Susan Kerrigan)	X502
		1 Negotiating the coming together of live-action and animation: Virtual production and the creative process for the short film <i>A Future Vision of Trauma Care</i> Sorin Oancea, Joe Carter, Tfer Newsome, Maria Zelenskaya, Steven Mohr and Mark David Ryan	
		2 Understanding Creative Process in Screen Production: Developing A Visual Concept Juliet John	
		3 The Smell of an Oily Rag: Making a Movie for the Cost of a Used SUV Stuart McBratney	
12.20pm	Lunch		X502

23 new notifications

1:22 PM
13/10/2021

ASPERA conference presentation, 16 June, 2021

