#### Pervasive Theatre: Post Screen Audiences and Professional Performance Practice

With the increase in the use of mobile devices, the presence of the screen in our daily lives has become pervasive and immersive. This paper asks how the habits and expectations of post-screen audiences are driving changes in professional performance, leading to new emerging practices that fuse immersive theatre and screen-based 1 1 engagement. How can the ubiquity of the screen help us find new ways to engage audiences with professional performance practice?

This paper centres on a practice-led research project *Pervasive Theatre* (funded by FutureDream through Arts Council England and Kent County Council) carried out by the author with the live art company Assault Events. The project explored what new screen modalities could offer professional performance practice, particularly relating to different ways that audiences could engage with performance through mobile platforms. Through a multi-platform transmedia approach the company developed a piece of work that explored different ways to make and share performance work, creating a framework for a more immersive and integrative approach.

This paper will be of interest to anyone who is interested in the cross cultural impact of post screen practices and the way in which new modes of media consumption and engagement are leading the development of new kinds of professional performance practice.

Keywords: Post Screen Audiences, Performance Practice, Mobile Technologies, Social Media, Transmedia, Participatory Practice.

## Introduction

With the increase in the use of mobile devices the presence of the screen in our day lives has become pervasive and immersive. The habits and expectations of post-screen audiences are driving changes in professional performance, leading to new emerging practices that fuse immersive theatre and screen-based engagement. In addition, the ubiquity of the screen offers new ways to engage audiences with professional performance practice. As Bay-Cheng, Parker-Starbuck and Saltz (2015) reflect, "new technologies facilitate new modes of performance outside of traditional venues" (2015, 2).

Over the last decade, the way in which audiences consume and engage with media content has changed, and in turn this has impacted on audience's expectations relating to their interactions with professional performance work. Audiences are shifting from linear media products to on-demand content, both long and short-form that is distributed on the internet (Deloitte, 2015) and are able to view more content, more often and from almost any location. For the young, the smartphone is at the centre of their media experience and the majority of daily media consumption for those under 30 involves the handset (Deloitte). As Carver and Beardon (2004) reflect, for theatre 'to continue to act as a mirror to society it must engage with the changing means of communication which new technologies have brought about...' (2004, 152).

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screen modalities could offer professional performance practice, particularly relating to different ways in which audiences could engage with performance through mobile platforms. Through a multi-platform transmedia approach the company developed a piece of work, *Hopscotch Highway*, that explored different ways to make and share performance work, creating a framework for a more immersive and integrative approach.

By engaging with new screen modalities, the artists were able to connect with the audience in new ways, increasing and developing both participation and engagement by enabling audience members to become involved in a variety of modes – passively, actively, interactively or collaboratively, weaving together physical and online worlds that blur the distinction between reality and fantasy, audience and performers, potentially making audience members part of the story itself. By making performance part of the audiences' day-to-day life rather than something that is distanced from them, these new creative modalities enable performance to become a lived and intertwined experience with the audience

Short form video has evolved to the point where it is a distinct and sizeable category of media content in its own right (Deloitte, 2015) and this format became a key structural driver for the *Pervasive Theatre* project. 20% of viewing by 11-24 year olds is short form video through Youtube, Snapchat and Facebook and the *Pervasive Theatre* project explored how these changing viewing habits could be reflected in professional arts practice, through engaging with the practice of "interstitial writing" (Esposito, 2008).

### **New Media and Performance**

Since the development of domestically-affordable filming technologies in the 1960s, performance artists have explored the creative potential of new media within their practice. Whilst performance practice incorporating media has developed into a number of related but very different genres such as intermediate performance, Netprov, Alternate Reality Gaming, Cyborg Theatre and Virtual Theatre, Bay-Cheng, Parker-Starbuck and Saltz (2015) provide a helpfully wide definition, "encompassing any performance with an integral reliance upon and relationship to, forms of media that surpass traditional uses of lighting, sound and scenic effects" (2015, 1). Klich and Scheer (2012) describe a fluid relationship between new media and performance, "continuously reframing and colonising each other..." (2012, 3) and go so far to define the technology and the artwork as "inseparable" (7). Also helpful to understanding the natural link between media and performance is Mark Warschauer's (2003) idea of 'social informatics', which places an understanding of technology within a wider context, not only including hardware, software and infrastructure, but also "... people in various roles and relationships with one another and with other elements of the system (2003, 45). Warschauer describes how the technology and social system within which it operates exist, "...like a biological community and its environment" (45), each affecting and influencing the other.

Digital technologies are now so ubiquitous and pervasive, the incorporation of media into a performance context is almost inescapable. Matt Adams, from the artists'

group Blast Theory remarks that 'the digital' is now so embedded in performance practice that is has become invisible (in Blake, 2014, viii). As early as 1970, this idea of an all-encompassing media environment was described by Gene Youngblood in his book *Expanded Cinema*; "The cinema isn't just something *inside* the environment; the intermedia network of cinema, television, radio, magazines, books and newspapers *is* our environment". In the same year, Marshall McLuhan described how satellite technology has begun to blend the "natural" and "artificial" worlds, and the way in which this new technology places individuals in the position of performers;

The planet is enclosed in a manmade environment that ends 'Nature' and turns the globe into a repertory theatre to be programmed... the results of living inside a proscenium arch of satellites is that the young now accept the public spaces of the earth as role-playing areas. Sensing this, they adopt costumes and roles and are ready to 'do their thing' everywhere" (1970, 9-10).

Now, as then, the digital revolution "demands new forms of performance and new spaces to show it in" (Adams, in Blake, ix).

# The Habits and Expectations of Post-Screen Audiences

The last decade has witnessed a number of technological and cultural developments that have resulted in changes in the habits and expectations of post-screen audiences, which have in turn influenced professional performance practice. To discuss how these developments relate to the ways in which audiences engage with media content, I have divided them into 4 categories; the technology used by audiences to access media, the type of content audiences are viewing, the ways that audiences are interacting with the content and the demand for participation. This is not a definitive or exhaustive overview, but one that relates to the discussion relating to professional performance practice.

### The Technology

The combination of smartphones, 4G coverage and social media have changed the way we consume media. Audiences can view more content, more often and from almost any location and for the young the smartphone is at the centre of their media experience. Audiences are shifting from linear media products to on-demand content, both long and short-form that is distributed on the internet (Deloitte, 2015) and are able to view more content, more often and from almost any location. For the young, the smartphone is at the centre of their media experience and the majority of daily media consumption for those under 30 involves the handset (Deloitte). Bay-Cheng, Parker-Starbuck and Saltz (2015) regard the "social context" of media performance and media and the relationship between audience and the performance as predominantly digital and mobile (138). An understanding of the audiences relationship with their devices could help to shape future work.

#### The Content

Post screen audiences are familiar with engaging with transmedia content and indeed there is an expectation of a transmedia approach to content delivery. Blurring the boundaries between communications and entertainment, transmedia is 'a set of choices made about the best approach to tell a particular story to a particular audience in a particular context depending on the particular resources available to particular producers' (Jenkins, 2011). These 'particular resources' relate to a range of digital practices including television, gaming, film, e-books, social media platforms, websites and blogs. Narratives, created both for entertainment or commercial purposes, are told across media platforms to encourage a deep engagement with a particular 'story'. Reiser and Zapp (2002) reflect; We are entering an age of narrative chaos, where traditional frameworks are being overthrown by emergent experimental and radical attempts to master the art of storytelling in developing technologies' (2002, xxvi).

#### The Interaction

BARB Project Dovetail, which aims to provide "a joint-industry, audited measure of viewing to online TV", describes "fragmenting behaviour patterns" in media audiences (BARB 2016). Audiences are shifting from linear TV products to online-based ondemand content (both long and short-form) (Deloitte), and time shifted viewing accounted for 12.4% of broadcast TV (interestingly, drama had highest proportion of time-shifted viewing – 28.2%) (Deloitte). 20% of viewing 11-24 year olds is short form video through youtube, snapchat and Facebook. Between April 2014 and March 2015 70.4% of adults used social media. Facebook, Youtube and Twitter were the most popular platforms (Department of Media, Culture and Sport, 2016). Opera Mediaworks (2016) undertook a study into short-form video, to 'explore further the ideal creative principles for mobile video by researching the effectiveness of mobile-first, short-form, full screen video...', primarily relating to branding campaigns. They found that 6-8 seconds is optimal length, with 36% higher engagement than long-form film. Longform video (15-30 seconds) is most effective for product-focussed campaigns, though overall the optimal video length for maximising audience engagement is 14-15 seconds. Michael Goldhaber (1997) reflects that attention has become a scarce economy; Is there something else that flows through cyberspace, something that is scarce and desirable? There is... it's called attention. And the economy of attention – not information – is the natural economy of cyberspace."

### The Demand for Participation

Participatory technologies have enabled 'the people formally known as the audience' (Clay Shirky, 2010) to actively participate online, and a decade after the development of Web 2.0 technologies, post screen audiences expect opportunities for participation to be integrated into their media experiences. Many people are interacting with media content via social media (such as Twitter-based "chatterboxing") and mobile applications such as BBC iplayer, Youtube and Instagram. These new tools of production and distribution have resulted in a media environment full of user generated content, blurring the distinctions between producer and consumer, professional and amateur.

### **New Screen Modalities and Performance**

The technological and cultural developments discussed above have resulted in changes in the habits and expectations of post-screen audiences. What does this mean for new performance within this social, cultural and technological context? Post screen audiences and audiences of performance practice are not mutually exclusive. These post screen audiences, who use primarily mobile technologies, engage with transmedia content and short form videos, interact through social media and demand a more active participatory part to play, will include people who attend performance events. In April 2016, the UK Government's Department for Media, Culture and Sport published the report 'Taking Part focus on: Social Media", which studied social media use in the UK. The report presented the usage of social media platforms of people who attend and/or participated in arts activities over the 12 months previously - 62.9% of arts attendees used Facebook with 54.7% using YouTube, 24% used Twitter and 17.7% used Instagram (p.12). The report stated that "in most cases, those who participated... were more likely to use each social media platform that the population of adults in general" (p.12).

Over the last couple of decades, a number of different genres of performance work (such as Twitter Theatre, Netprov and Alternate Reality Gaming (ARG) and Vlog Theatre have explored how mobile technologies and social media could be used within performance practice, experimenting with transmedia content and short-form videos, and enabling interaction and participation. Twitter Theatre has developed in both long and short forms - single tweet plays and longer plays 'performed as a series of messages' (Muse, 2012, 43). Though performed online, the work is experienced by an audience in realtime. Netprovs (networked improvised narratives) are interactive narratives told across online and physical spaces, using 'existing digital media in combinations to create fake characters who pretend to do things in the real world' (Wittig, 2015, 3). The genre has a 'transmedia approach', creating 'a complex system of varied communication technologies that real people use in real life' (4). Alternate Reality Gaming is described as "an interactive drama played out online and in real world spaces . . . in which dozens, hundreds, thousands of players come together online, form collaborative social networks, and work together to solve a mystery or problem that would be absolutely impossible to solve alone" (McGonigal, 2008). Again transmedial in delivery, ARGs use the real world as the platform and players become performers through their interaction with and integration into to storyworld. A few Vlog-based performance works were developed between 2006 and 2008, including Lonelygirl15 and KateModern. Lonelygirl15 was an interactive web series that ran between 2006 and 2008 under the pretence of a real blog of a teenage girl, Bree.

Bree was one of a slowly-growing community on YouTube of confessional video bloggers. They poured their lives into their webcams, not yet an automatic feature on laptops as they are today. Their follower bases grew slowly but steadily, with regular, and often grainy, videos about their day-to-day lives. They were largely ignored by the mainstream media, who at the time dismissed YouTube as just a repository for cat videos.... (Cresci, 2016)

Lonelygirl15 became one of the Youtube's most popular stars, but lonelygirl15 was fictional, professionally written and acted. KateModern was the sister series of lonelygirl15 and ran from 2007 to 2008 and was produced in partnership with the social

media company Bebo, using the tools available on Bebo to enable the audience to interact. At times, the audience were able to vote on the direction of the storylines, and crowds of fans attended an interactive "plot point", helping to solve mysteries relating to the drama (Morris, 2008).

## **New Performance Work for Post-Screen Audiences**

Assault Events are a live art company specialising in accessible work created through interdisciplinary devising practice. Founded in 1996, the company is dedicated to bringing new audiences to performance work and since 2010 has been exploring the creative possibilities offered by social media platforms. In 2010 the company created a piece, Hopscotch Highway, using Facebook as a vehicle for creative collaboration and in 2014 Assault Events were awarded funding from FutureDream (Arts Council England and Kent County Council) to undertake the Pervasive Theatre project, to explore the potential of using social media platforms as an environment for professional non-live performance practice. The 6-month project worked with a writer, director, choreographer, composer and 4 performers to create an online narrative that would unfold over 24 hours across Facebook, YouTube, Twitter and Vine, encouraging the audience to engage directly. Through the integration of a performance narrative with existing social media platforms, the project blurred the distinction between reality and fantasy, weaving together physical and online worlds, enabling audience members part of the story itself. Through this practice-based research project the company connecting with the 4 categories of change identified earlier, to create a piece that both reflected and responded to the changing habits and expectations of post screen audiences.

## The Technology

Hopscotch Highway was developed to be accessed via smart phone, tablet or laptop so that audience members could engage with the piece wherever they were are were not bound to a specific physical performance venue. As Bay-Cheng, Parker-Starbuck and Satlz remark, "wherever there is an audience today, the vast majority of them are online and on the move" (2015, 138).

## The Content

The content created reflected the transmedia nature of much mobile content, structuring, creating and disseminating the work through a transmedia framework. Content was provided in a variety of formats including photo, film, music and text, spreading the narrative content across Facebook, Youtube, Twitter and Vine with separate pieces of content in each channel, which could be drawn together by the audience to create a synchronised narrative. The piece foregrounded a UGC aesthetic to increase authenticity of the story, using characteristics and conventions drawn from non-professional media creators. Through this transmedia approach the piece engages with what Carver and Beardon (2004) regard as common concerns of 21st-century performance that utilises digital technologies:

... the virtuality and fluidity of space and time, and the potential for alternative realities, spaces and narratives; interactivity and the active audience/participant; the role of the body (and its double) in technologically enhanced or mediated performance . . .

the ability of performance to extend itself beyond the circumscribed moment and place of its enunciation; and the 'problem' of liveness in multimedia work (2004, 2).

#### The Interaction

Whilst short-form work would be problematic for theatre-based performance, where audiences expect a full evening's entertainment, it is perfectly suitable for filmed performance that can be accessed online. Reflecting the short-form viewing preference of post screen audiences, *Hopscotch Highway* included short films on Vine and Youtube, in the form of music videos, footage from nightclubs and footage uploaded from performers as part of the narrative. The Vine films were 6 seconds long, and the YouTube films ranged from 1-3 minutes in length. The use of short-form films engaged with the practice of "interstitial writing" (Esposito, 2008), where a narrative constructed of smaller interchangeable parts enables audiences to engage with the work in short bursts of time when they may be

"...waiting for a plane, a doctor or for a meeting to begin. That's a huge number of minutes in any one day; a good portioned out lives is wasted while we are waiting for the main course to arrive... How about the 10-minute crack? Five minutes? Think of your own day: How often are you simply waiting, doing nothing?"

## The Demand for Participation.

Over the last decade performance practice has reflected the wider audience demand for participation in performance events. Many audiences of contemporary live practice are no longer content to sit and watch a performance but instead demand active involvement, for example tweeting reactions to performances during the performance, influencing he direction of the plot, taking part in immersive theatre events or interacting with a performer through a mobile app. *Hopscotch Highway* enabled the audience to participate on a number of levels - passively (reading posts on the Facebook Newsfeed), actively (clicking on posts and links to photos, films and audio), interactively (commenting on each others' posts, 'liking' on Facebook and retweeting on Twitter) and collaboratively (sharing posts on their own Facebook pages, inviting friends to 'like' central Hopscotch Highway Facebook page, uploading content and using related Twitter handles in their posts). Audience members could participate in the narrative at any point, and indeed active participation was encouraged through some of the post requests. Randall Walser (1990) describes the creators of virtual environments such as *Hopscotch Highway* as providing a place for audiences to actively discover and experience;

Whereas film is used to show a reality to an audience, cyberspace is used to give a virtual body, and a role, to everyone in the audience. Print and radio tell, stage and film show; cyberspace embodies . . . A spacemaker sets up a world for an audience to act directly within, and not just so the audience can imagine they are experiencing an interesting reality, but so they can experience it directly . . . The filmmaker says, "Look, I'll show you." The spacemaker says, "Here, I'll help you discover." (1990, 60–61)

This approach presents a new type of audience participation for the twenty-first century, central to theatre in a virtual context, described by Klich and Scheer (2012) as being "constructed through the interaction of the audience and the artwork, allowing the audi-

ence to be present in both the real and virtual environments... enabled through the hybridisation of the live (the material participant) with the virtual" (14).

#### **Conclusions**

The last decade has witnessed a number of technological and cultural developments that have resulted in changes in the habits and expectations of post-screen audiences which, in turn, have influenced professional performance practice. I discussed the way in which these developments related to the audiences' engagement with media and performance through 4 categories; changes in the technology used by audiences to access media, changes in the type of content audiences are viewing, changes in the ways that audiences interact with the content and changes relating to the demand for participation. The way in which audiences consume and engage with media content has changed, and this has impacted on audience's expectations relating to their interactions with professional performance work. These developing habits and expectations of post-screen audiences have driven changes in professional performance, leading to new emerging practices that fuse immersive theatre and screen-based engagement.

The *Pervasive Theatre* project demonstrated how new screen modalities could be integrated into professional performance practice, particularly in terms of the different ways that audiences could engage with performance through mobile platforms through the creation of a framework for a more immersive and integrative approach. This resulted in the creation of a type of digitally mediated performance that is part of the audiences' day-to-day life rather than something that is distanced from them - these new creative modalities enabled performance to become a lived and intertwined experience with the audience.

By reflecting and responding to the needs and expectations of post screen audiences, specifically in relation to the four categories of technology, content, interaction and participation, professional performance practitioners have the opportunity to develop work that is relevant and responsive to these audiences. Her her book The Art of Relevance, Nina Simon describes how "...relevance unlocks new ways to build deep connections with people who don't immediately self-identify with our work" (2016, 23). Simon describes relevance as a 'key' to a locked door behind which is a powerful experience; "... Without it, you can't experience the magic that room has to offer. With it, you can enter" (2016, 29). Simon cites cognitive scientists Wilson and Sperber who argue that there are 2 specific criteria that make something relevant - how likely it is that it will have a positive cognitive effect and how much effort is needed to obtain and absorb the information - "the lower the effort, the higher the relevance" (Simon 2016, 32). Simon gives as example of someone choosing attending a craft night at a friends house over a theatre performance some distance away; "Does that mean that theatre is irrelevant to your interests? Not at all. It just takes too much effort to get to the point where your butt is in a seat" (38). By engaging with the needs and expectations of these new audiences and by making performance work in terms of their engagement with technology, content, interaction and participation, performance makers can naturally

lower the barriers to participation and reducing the "effort required to make a relevant connection" (p.38).

The integration of new screen modalities into contemporary performance practice seems a natural fit. Packer and Jordan (2001) outline a number of characteristics intrinsic to computer-based multimedia - integration, interactivity, hypermedia, immersion and narrativity (2001, p.xxx), all of which are also key to contemporary media performance practice. Giannachi (2004) reflects how mediated technologies offer the opportunity "to think against the grain of traditional performance ontology, including the claims to 'liveness', 'immediacy' and 'presence' (2004, 185). These new modalities should not be seen as a threat to performance - Bay-Cheng, citing Richard Schechner, suggests that "the durability of theatre is enabled by its essentially malleability, its ability to absorb and adapt to the changing media landscape In Bay-Cheng, Parker-Starbuck and Saltz, 2015, 41). Indeed, social media spaces such as Twitter and Facebook are often regarded as performative spaces, Patrick Lonergan (2016) describing social media as a performance space of itself - a space for the performance of identities before a network of followers (2016, 2-3). Bay-Cheng reflects "As media becomes ever more present in daily life... it becomes increasingly difficult to discern the medium of theatre within the larger media sphere of global technology" (45).

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