

Participating is important again then watch

Drones and virtual reality to make the audience back to participants involved in theater. As in Shakespeare's time, but otherwise, as evidence two performances this week premiere.

Abigail Levene

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Over 400 years ago, William Shakespeare *Hamlet*. London's Audience at the time to The Globe went, experienced a play very differently than we do now. The hall was full of light, the audience walked around freely endronk beer. Spectators chatting sometimes the piece over, but toondenop other times by applause, cheers happening gejoelof their involvement in watzich on stage.

But the involvement and experience from then is child's play compared metwat tewachten, the theater-goer 2016. That at least DeNew York's promising developers *To BeWith Hamlet*, A performance in virtual reality where everyone around the wereldeen intimate experience can immediately experience the all time greatest plays.

Thanks to software, sensors, and vrbril len is the public part of devoorstelling. Actors wearing sensorenop their suits, while software records their movements and turnover avatarsvan example Hamlet and the ghost vanzijn father. By vrtechnologie participants can 'walk around in the same virtual space as Hamlet, "explains creator Javier Molina out.

Not only American theaterma cherry experiment with new technologies. Earlier this year presenteerdeHet National Ballet *Night Fall*, the first

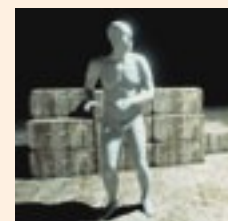
Play Dates

The nights summer plays 30 November last and December 1 at 20:30 pm in the Music Centre, Enschede.world breath is it too

Making 30 November ber a 1 december, on 13.30, 17.00 one 19:00 in the Large Church, Enschede.

More information on Reisopera.nl.

To Be With Hamlet goes next summer premiered tijdenshet Tribeca Film FES tival in New York.Meer information Hamletvr.org



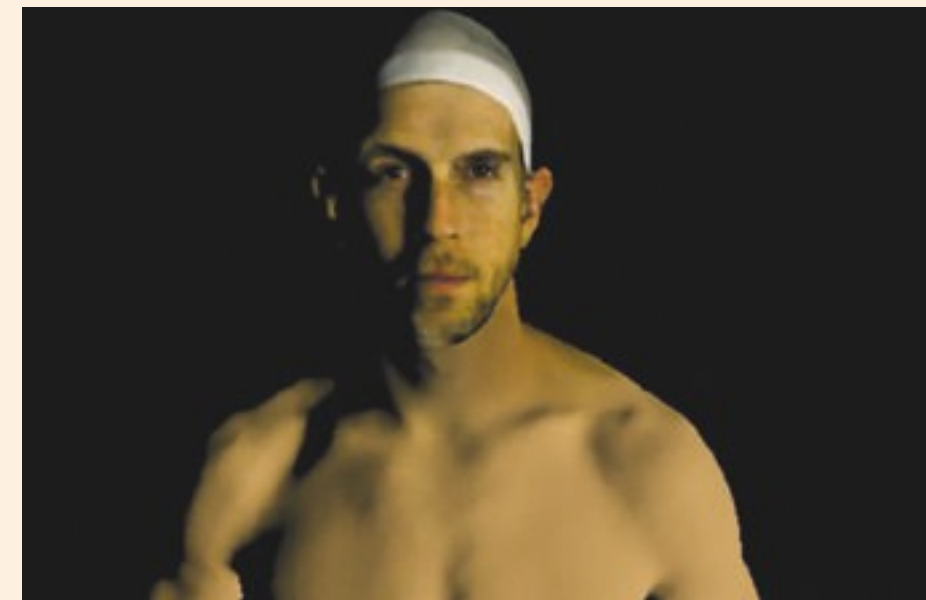
ballet virtual reality world. Using vrbrillen could get an ominous, foggy world enter that dark and light, dream and reality alternated.

Also music lovers get bin nenkort virtual respite. On 30November starts in Enschede first trip opera Tech About Festival where indene Dutch Touring Opera, The Sound of Maastricht and the University of Twente Working in two performances van'interactief music 'with behulpvan virtual reality and drones.

"This is a journey into the applying new technologieënin classical performing arts,"says director Nicolas Mansfield. "We wanted to see what dramatic layers you can add to Fri and drones."

In one of the representations, *The nights summer*- Named after the song cycle and muziekvan Berlioz - two young verpleegkundigenop reflect their work, love and death. Through images that are 'shot' by drones, the audience will experience life and suffering asunder critically ill patient.

The show *world breath* combines fragments of Brahms and Wagner, sung by opera singers, with deonzekere sounds of spectators sing, or rather carry deelnemers.Die last vrbrillen, which shows zijmooie 3Dgrafieken get diesynchroon walk with the sound they



Scene uthet virtueletheaterstuk To

Be With Hamlet that next summer will inpremière New York Hotel.

"You're in multiple places simultaneously as a spectator, is the negative span and has great creative potential"

other sources

New technologies increasingly penetrate through inklassieke art forms such as ballet, opera and theater.

Go new media enopera together?

MortonHeilig in of Sensorama

During this two-day cultuurfestival in Enschede, and visionary Morton Heilig Mac eninteractiviteit technology center. In addition, already experiencing reality mac racking there are workshops and LEZIN goes: the Sensora-ma. The idea was to mal During a 36-hour hackathonbuigen teams ofdeelnemer the viewer by depicting him students arts technique and young works, and the movement to experience. Mort future of opera. What is heading tide of culturetheater' Vadvan VR, but his invention in the classroom-sick world of the performance. Because of the high kos-ten never On Thursday December 1 Slumber-as theythink-tank with pitches overhuhun ideas.

Mortonheilig.com

TechTripFestival.nl.



hear. 'world breathontdekkenvan comes to your voice, there was an attempt Fri toete fit traditional and your breath. It is at the same-the same time kunstvormen.In 1962 received the American Visi Morton Heilig patented his "Sensora-ma ', a large where you could experience zitteneen you o the streets of Brooklyn on a motorbike through - complete with wind in your face, getrilvan the Dittgevoon is a glorified singalong show, ora entertainment spectacle stating jijongemakkelijk fool? Heilig wrote his vision for Sen And wabetekent it for the show, and deartiesten the Sensorama already in 1955 in his essay *The Cine-m the Future*in which he outlined the cinema as a s where the public can not only see and hear but o feel, taste and smell.

Participating in theater is a rare-sustainable experience. You are in your own world, yet aware of the vote omje it. You're both connected withthe other participants by everyone ge-singing - or attempted - alsogeïsoleerd apart by the VR goggles. Hub Walk raises a lot of questions at deindividuele spectator. Who's hetpubliek? And who are the players? Dittgevoon is a glorified singalong show, ora entertainment spectacle stating jijongemakkelijk fool? Heilig wrote his vision for Sen And wabetekent it for the show, and deartiesten the Sensorama already in 1955 in his essay *The Cine-m the Future*in which he outlined the cinema as a s where the public can not only see and hear but o feel, taste and smell.

As the Utrecht scientist Weijdom points out, theater is actually aleeuwen busy mixing vanwerkelijkheden. A fascinating dr tee you completely swallows, and verplaatstje to another world. You vergeetde world around you - someone next to you coughs and suddenly you become aware again of the true real-ness. We ar used as a spectator neat to sit in our chair, tezw potential,"says JorisWeijdom, Head of Media & Perormance Laboratory at the Utrecht School of the Arts. With Fri-verle the time? "The technology has bec VolgensWeijdom to performances such asworld breath," says Weijdom. "I do see datwe increasing best nature be considered 'mixed reality', where VRxperience will be." technology mixed with the real trou-bility to tcreëren as a new experience.

The history of mixed reality in the art is suppose older than many mis-haps. Half a century

Abigail Levene is freelance journalist.



Left and above: participants in the VR-days in the Vondelpark, early November.