

CEREBRUM,

THE REALITIES MAKER
Company Les faiseurs de réalités



Show created on 14 January 2015
Balsamine Theater, Brussels

Re-creation 2018

Suitable for all audiences | Ages 14 and up
Duration : 1h 10m
Public size : max 250

Certified general interest by the label of comité des 80 ans du CNRS.

2020 winner of the public utility label.



Created by and starring Yvain Juillard **I Outside eye** Olivier Boudon, Olivier Boudon, Joseph Lacrosse, Laurent Wanson **I Sound** Marc Doutrepont
I Stage management and lighting Vincent Tandonnet **I Video** Stefano Serra & Robin Yerlès **I Neuroscience advisor** Yves Rossetti (CNRS-INSERM),
Céline Cappe (CerCo / CNRS) **I Production, promotion and press** Laura Sterckx et Caroline Goutaudier **I Accompaniment** Isabelle Jans **I Photography**
Hichem Dahès **I Graphics** Margot Sponchiado.

A Faiseurs de réalités / Company Yvain Juillard **creation**. Supported by le Théâtre de Namur / Centre Dramatique, the CORRIDOR and the Fabrique
de Théâtre, Aube Boraine / Mons 2015, Balsamine Theater, Cultural Center of Colfontaine, Varia Theater, Théâtre de la vie, National Theater, Brussels
spectators, the Fédération Wallonie-Bruxelles / Service of multidisciplinary and transversal projects & Wallonie-Bruxelles International.

SACD grant 2015 « Un ticket pour Avignon ». **2016 winner** of a writer's grant at la Chartreuse de Villeneuve-lez-Avignon.

Thanks to Lorent Wanson, Dominique Roodthoof, Joseph Lacrosse, Céline Cappe for their views
during the previous steps of the project and to Lara Hirzel for our exchanges about scenic space.

CEREBRUM, THE REALITIES MAKER

Through a series of simple yet disconcerting experiments, Yvain Juillard questioned our perception, our memory, our free will and our consciousness... because out of the billions of operations that take place within us every second, what tiny fraction are we actually aware of? And where does our ability to wonder about it even come from? The answers to these questions are everyone's concern. Such are the stakes of Cerebrum, which combined the sharing of merry scientific knowledge with the evocation of the actor's personal journey on this neural quest. With his theatrical talent added into the mix, the result was a spectacular and captivating lecture, performed in playful interaction with the audience.

Isabelle Dumont,
Alternatives Théâtrales, October 2017

A man in a dark suit and white shirt is standing on a stage, gesturing with his hands. He is holding a small yellow object in his right hand and pointing with his left hand. The background is dark, and the lighting is focused on him.

LECTURE - SHOW

CEREBRUM, THE REALITIES MAKER

What if reality was just figment of our imagination?

When we compare the human brain to the universe, some surprising similarities arise. By the countless number of cells that compose it and the innumerable bonds between them, the brain is as impenetrable as the universe is infinite. The great fascination for the study of the brain rests upon the hope Men place in it to understand what they are and to delve even deeper into the exploration of the meaning of their existence.

A former biophysicist specialised in cerebral plasticity, now actor, Yvain Juillard invites us in his "lecture-show" to explore the inner workings of our mind, and in so doing, question the multi-faceted nature of reality itself.

The brain, seat of our memories, our perceptions, our very identity, remains an organ which is both intimate and mysterious, as most of us know very little about it. This show, through simple and entertaining experiments, aims to convey to the public the latest scientific knowledge on the topic. A unique opportunity to discuss recent discoveries in neuroscience in layman's terms.



INTERVIEW

WITH YVAIN JUILLARD

You are also a biophysicist by training; what gave rise to your desire to tread the boards?

We are used to compartmentalising things, but they really aren't. The question I asked myself was: who am I, really, concretely? Science is an objective attempt to come closer to a form of truth without ever reaching it. This perseverance and this humility interest me.

Along my scientific journey, I realised it was necessary to enter the realm of philosophy, and above all to experience one's own reality. The first play I saw, *Tartuffe*, directed by Ariane Mnouchkine – I must have been 16 years old – was an absolute revelation. That place immediately exerted on me the kind of attraction that, in love, you only experience once or twice in a lifetime.

Theatre is the memory, the living and atemporal proof that our societies, our social conventions are constructs before anything else. An action becomes credible when enough people believe in it and it allows us to meet our vital needs. Even though globalisation tends to standardise our ways of life from one continent to the next, this thing we call reality is and remains, in my opinion, an action.

You are a comedian, for Joël Pommerat among others. How does this inform your perspective?

Joël knows how to bring singular presences to light, how to rid them of postures. As an actor, I had never come so close to a form of "trueness". It is a bit like a second school to me. There is a relation of responsabilisation, of trust, a gentleness in his work that I really appreciate, a sort of necessary void.

INTERVIEW

WITH YVAIN JUILLARD

To me, being an actor means getting closer to what I think we are: reality makers. It is quite stimulating to discover oneself in this way and to invite spectators on this journey, if only for one evening.

How does your formation as a scientist feed into your work as a comedian?

Science is an antidote to prejudice. That is a precious thing in the practice of performance art. It helps to maintain an openness. To prevent you from shutting yourself away in your certainties. To accept your own inertia, your condition as a biological being and that of others. It allows you to cultivate a form of perseverance, of patience, and of curiosity too.

But whether you are an actor, a plumber, a carpenter, a banker or unemployed all of this still applies. Where the neuroscience really manifests itself in my work is in my writing attempts. I write, or at least try to write, to interrogate who we are at the edge of our experiences and our biological unconscious. I find it fascinating. And also quite dizzying.





BIOGRAPHIES

YVAIN JUILLARD

Actor

INSAS graduate in the dramatic interpretation section, biophysicist specialised in cerebral plasticity and PhD student in Art and Art Science. He is Louis XVI in « Ça ira (1) fin de Louis » by Joël Pommerat, portrays Nox alongside Nathalie Baye in the eponymous series on Canal+ and will star in Hélier Cisterne's next feature film alongside Vicky Krieps. Resident artist at the L'L theater, in 2013 and 2016 he was awarded a writer's grant from the C.E.C de la Chartreuse de Villeneuve lez Avignon. Lecturer at the INSAS (cinema section) since 2018.



YVES ROSSETTI

CNRS - Neurophysiologist

Physiology professor at the University of Lyon and member of the ImpAct team at the Neuroscience Research Center of Lyon, in charge of the Movement and Handicap platform (Hospices Civils of Lyon and CRNL). His researches and lectures mainly focus on perception and action, as well as cerebral plasticity, as the question of reality offers an opportunity to arouse curiosity and critical thinking in students, along with a spirit of openness.



OLIVIER BOUDON

INSAS (2008) - Outside eye

- *Manque* of Sarah Kane at l'Epongerie (Brussels), *La Chair du Maître* of Dany Laferrière (Port au Prince), *Les Exclus* of Elfriede Jelinek at Varia Theater (Brussels), *Cible Mouvante* of Marius von Mayenburg in the old Vanderborcht stores (Brussels), radio adaptation executed with Brice Cannavo and l'AMO Samarcande, collaboration with Jean-Luc Piraux on *En toute inquiétude* and *Six pieds sur terre*, *L'Absence de guerre* of David Hare at Océan Nord Theater (Brussels), *Quartier 3, destruction totale* of Jennifer Haley at Poche Theater (Brussels), *Nous avons cru à l'amour qu'il a pour nous* at Théâtre de Liège, *Ridicules Ténèbres* at Poche Theater (Brussels).

- INSAS professor : Dramatic Interpreting and Theater & Communication Skills. Schieve Compagnie, his structure of creation and production.



MARC DOUTREPONT

IAD (1981) - Sound Designer

- Worked with Benno Besson, Armand Delcampe, Pierre Laroche... These past few years, collaborated with the companies Isabella Soupart, Mossoux Bonté, Roland furieux (Fr), Joji inc, and stage drummer like Jim Clayburgh, Xavier Lukomski, Pascal Crochet, Herbert Roland, Patrick Haggiag, Valérie Cordy, Claire Gatineau, Françoise Berlanger, Brigitte Bailleux, and comedians like Yvain Juliard, Isabelle Wéry, Denis Laujol, Stéphane Bissot, Fujio Ishimaru....

- with choreographer-dansers : Johanne Saunier, Ine Claes

- with musicians: Thomas Turine, Le Quatuor MP4
- Professor at Instituts Saint-Luc (Scenography, acoustics and sound) & at l'EFP (Supervisor - Technician Training), member of the administration council of Théâtre de la Vie, Brussels.



VINCENT TANDONNET

EFPME - Stage management and lighting

- Internship at La Balsamine Theater, Poeme Theater, Théâtre des Martyrs. Stage manager at L'L Theater of Brussels and, in a ponctual way, for Collectif Les Alices, Pamina De Coulon, UBIK Group, ... Works on tour with theater and danse companies : La Fabrique Imaginaire, Cie Delgado-Fuchs, Cie Dorina Fauer.

- freelance technician on multiples festivals and projects : KFDA, C'est comme ça, Festival Ephemère, Mons 2015 projet littérature...

- developing his passion for the creative DIY and searching in his luminous projects, by probing the invisible, to play with that impalpable matter that is light.

“ PRESSE ”

« The spectator is faced with two possibilities, depending on how attuned he feels to scientific rigour: blissfully penetrate among the waves and the synapses, or prolong the freshly garnered scientific data with a fiction all of their own. Both of which bleeding into the other. »

Véronique Giraud
Le journal des créations du 21e - naja21.com

« At the crossroads of neuroscience, theater and performance, « Cerebrum, the reality maker » is packed [...] Yvain Juillard has crafted a scenic object over the course of which he takes the audience through the convolutions of this most intimate and mysterious, though increasingly better known and modelled organ : the brain, which contains « the receptors of our anxieties and the circuits of our hopes » ».

Marie Baudet
Critique – La Libre Belgique (2015)

« Yvain Juillard questions, in interaction with the public, our perception, our memory, our free will and our consciousness, through a series of simple yet disconcerting experiments. « The brain always creates the image he thinks is the most coherent, hence his immense capacity to mislead us » ».

Ouest-France

CALENDAR

PREVIOUSLY IN FUTURE

Interventions at : Centre Pompidou, l'Assemblée Nationale Française, at the journée Académique du Rectorat de Versailles, CNRS Paris – Saclay

Interventions at : Confluences Museum / 80 ans CNRS, CRNL (Lyon Neurosciences Research Center), at Liège University, Théâtre des Martyrs

2018

20 > 23 february - La Loge.
Paris (Fr)

11 october - La Citadelle.
Amiens University and Cultural House of Amiens (Be)

23 > 25 october - Théâtre de la Vie.
Brussels (Be)

2019

10 january - Lycée Le Sage.
Vannes (Fr)

07 > 09 february - National Stage of Chambéry
Chambéry (Fr)

29 mai - Balsamine Theater
Brussels (Be)

2019

5 october - Confluences Museum.
80 ans du CNRS, Lyon (Fr)

17 october - Cultural Center of Arlon (Be).

06 november - La Roseraie.
Brussels (Be)

12 > 14 november - National Stage of Gap (Fr).

19 november - Impact Festival.
Théâtre de Liège (Be)

28 november - Cultural Center of Stavelot.(Be).

2020

08 > 09 january - National Stage of Saint Quentin en Yvelines (Fr).

16 > 29 january - Théâtre de Namur (Be).

3 > 13 february - National Stage of Mans (Fr).

4 > 21 mars - Théâtre des Martyrs.
Brussels (Be)

07 may - Cultural Center of Waterloo
Brussels (Be)

TECHNICAL SPECIFICATIONS

The elements mentioned below are to be provided and installed by the venue.

Stage

Min. stage dimensions: 7m (23') wide, 6m (19'8") deep, 4m (13'2") high

The stage floor, either black Marley or any other easy to clean surface, must be visible to everyone in the audience (cf. chalks)

Lighting (cf. accompanying plan)

- 15 1kW PCs
- 2 RJ 614SX type profiles
- 2 RJ 613SX type profiles
- 1 PAR 64 1 PAR 36 (F1)
- 2 1kW symmetric floods (depending on seating layout (audience lighting))
- 1 floor mounting plate 24 dimmers

Sound

- 1 mixing console
- Stereo sound upstage
- 1 minijack to the stage (to the table)
- 1 to the control room
- 1 pair of stereo background microphone (to capture audience reactions)
- 1 Zoom type recorder or computer (to record audience reactions)

Vidéo

1 mounted projector (4500 lumens or higher), ideally with noise reduction box.

1 4:3 projection screen (on stand or hung)

Video cable up to the stage (computer out: HDMI only, possibility to use VGA or DVI with a USB-C adapter). Make sure cable length is both sufficient and efficient (extension cable if necessary).

- 1 caméra for large captation
- 1 tripod

Scenic items and props (to be provided by the venue)

- 1 music stand
- 1 mic stand (w/ boom arm)
- 1 wooden chair
- 1 small table with a wooden top
- 1 calf's brain (market fresh), can be kept for up to 3 representations, in which case a refrigerator, a freezer bag and small bottles of frozen water or ice packs will be needed.

Scenic items and props (provided by the company)

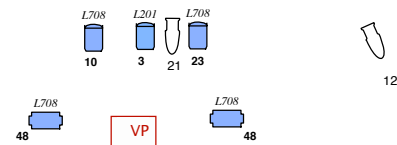
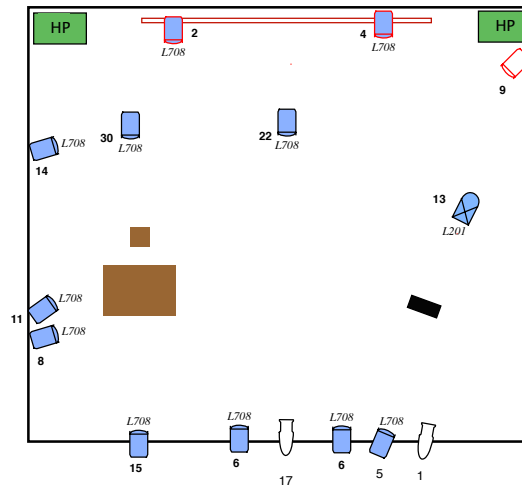
- 1 cool box
- Chalks
- A paper cube













Planning

Sound, video and lighting material must be preinstalled. Arrival of the team the evening before the day of the show, Dry tech starting at 9AM the day of the show; Tech at 3PM;

Show at 8PM

TECHNICAL SPECIFICATIONS



- | | | | | | | |
|---|--|---|------------------|---|----|--|
|  | 1 x Study music stand |  | flood |  | HP | Sound diffusion upstage and |
|  | 1 x table with computer
(HDMI and minijack) |  | RJ 614SX Profile |  | VP | Mounted projector, projector
HDMI connection up to the st |
|  | 1 x mic stand |  | RJ 613SX Profile | | | |
| | chalk on floor and walls |  | 1kW PC | | | |
| | |  | PAR 64 CP62 |  | | 1x projection screen 2x2m,
ideally slideshow screen on st |
| | |  | 2kW PC | | | |

stage manager Vincent Tandonnet
0032.485.39.22.66 vtandonnet@gmail.com

CONTACTS

PROMOTION

Yvain JUILLARD
+32 (0) 484 600 997

PRODUCTION

Isabelle JANS
+32 (0) 498 560 313
lesfaiseursderealites@gmail.com

TECHNICAL MANAGEMENT

Vincent TANDONNET
+32 (0) 485 392 266
vtandonnet@gmail.com