

SCIENTIFIC ACTIVITY REPORT 2021

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EVANLAB

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The required information relating to articles mentioned in this report are available in the section titled CURRENT STATUS OF SCIENTIFIC PUBLICATIONS.

The reference for this report is, as usual, the previous year's, in this case the *SCIENTIFIC ACTIVITY REPORT 2020*, and like the previous one, it has been greatly affected by the ongoing Covid-19 pandemic. Indeed, since the beginning of March 2020, as mentioned previously, face-to-face meetings became very difficult or impossible, especially those requiring a greater number of people such as conferences, meetings, or simple work get-togethers with a certain number of people. We thus relied heavily on internet video communication and, thanks to everyone's collaboration, we still managed to produce good work.

Furthermore, L. Pederzoli has recently moved to a new residence, and this event necessitated much time away from his research work.

PUBLISHING ACTIVITY

- Our articles published in peer-review journals and/or pre-print sites [eg SSRN - <https://www.ssrn.com/index.cfm/en/> (ref.: Luciano Pederzoli) and RESEARCHGATE - https://www.researchgate.net/profile/Luciano_Pederzoli/research], as well as our own website - www.evanlab.org – have to date been seen in more than 130 countries, according to data provided by RESEARCHGATE.
- 7 of our articles have been cited by PubMed, a research engine for biomedical scientific literature:
(Mediumship accuracy: A quantitative and qualitative study with a triple-blind protocol – EEG correlation at a distance: a re-analysis of two studies using a machine learning approach – Hypno-Death-Experiences: death experiences during hypnotic regressions – Channeling: a non-pathological possession and dissociative identity experience or something else? – The Neurophenomenology of Out-of-Body Experiences Induced by Hypnotic Suggestions – A new method to detect Event-Related Potentials based on Pearson's correlation – EEG correlates of social interaction at distance.)
- 11 of our articles appear in the Scopus bibliographical and bibliometric database:
(Mediumship accuracy: A quantitative and qualitative study with a triple-blind protocol – The physics of mind-matter interaction at a distance – The Neurophenomenology of Out-of-Body Experiences Induced by Hypnotic Suggestions – EEG correlation at a distance: a re-analysis of two studies using a machine learning approach – Hypno-death-experiences: Death experiences during hypnotic life regressions – A new method to detect event-related potentials based on Pearson's correlation – Mental, behavioural and physiological nonlocal correlations within the Generalized Quantum Theory framework – Can our minds emit light at 7300 km distance? A pre-registered confirmatory experiment of mental entanglement with a photomultiplier – EEG correlates of social interaction at distance – Hypnotically Induced Out-of-Body Experience: how many bodies are there? Unexpected discoveries

about the Subtle Body and Psychic Body – Mind-matter interaction at a distance of 190 km: Effects on a random event generator using a cutoff method).

- At the international level, we have an on-going collaboration with IONS (Institute of Noetic Sciences) at Petaluma, California.
- Due to the pandemic situation, there was only one public event – on the 17th October 2020 – in which L. Pederzoli gave a talk at the THINGS OF THE OTHER WORLD convention in Naples about the OBE (Out of Body Experience) in an hypnotic state.

OBE AND HYPNOBE CHANNELLINGS

As is customary, our main research activity was the ever more detailed study of controlled OBE under hypnosis (HypnOBE), particularly channelling during HypnOBE.

Pederzoli and Tressoldi continued to publish the contents of channellings in HypnOBE and have made available the interesting development of work with Valentina Ricci, titled ***HypnOBE Channellings - Contents Of All VR Channellings - 2020-09-14.***

They have also updated the work with Daniela Del Carlo, which is now titled: ***HypnOBE Channellings – Contents of dialogues with Antares – 2020-11-20.*** At the moment there are around 80 hours of pure channelling in HypnOBE and in California Helané Wahbeh (ND, MCR, Director of Research at the Institute of Noetic Sciences and an adjunct assistant professor in the Department of Neurology at Oregon Health & Science University), after having tested the validity of our induction method on herself, is producing material which can offer valuable comparisons.

In the meantime, Pederzoli, Tressoldi and Wahbeh have together already produced a work titled ***Channeling: a non-pathological possession and dissociative identity experience or something else?***, which was published by Springer - CULTURE, MEDICINE, AND PSYCHIATRY, in which evidence substantiated the assertion that some channellings, such as HypnOBE, do not represent pathological mental states. If this is indeed correct, the next stage will be to determine the origin of channelling experiences. Are they an expression of unconscious or voluntary mental mechanisms of the channeller, or real connections with 'other non-physical entities'? Given their odd non-pathological status, channelling offers a unique opportunity to scientifically investigate its characteristics without harming the channeller and, in particular, the source of the received information.

As explained in the previous year's report, before becoming hostile towards theories of where this information originates, it is of greater advantage to examine it carefully and determine what we can learn from it.

P.E. Tressoldi decided to analyze and compare descriptions of the OBE state from six people who underwent an HypnOBE and from seven people in a self-induced spontaneous OBE, in order to obtain the most precise description possible about what the subjects are feeling during an out of body (OB) experience.

From this arose the work titled ***What is it like to be in Out-of-Body? Phenomenal accounts of experiencers,*** authored by Tressoldi and Pederzoli.

All the information received was grouped according to subject: the descriptions obtained contain a way of perceiving and knowing which is very different to what we consider normal, without the

constraints of the brain and sensory organs, suggesting that our consciousness or identity is not a by-product of the brain, but is effectively as described by some philosophical and religious traditions which state that Consciousness – and not matter – is the primary entity.

MIND-MATTER INTERACTION

An original research work led by William Giroldini dedicated to the analysis of EEG activity while attempting to mentally influence a special random signal generator evolved into a paper authored by Giroldini and Pederzoli, titled ***EEG Activity During Mental Influence on a Random Signal Generator***, and was published in the Journal of Scientific Exploration.

A work titled ***Modern Thoughtography: Mind Interaction at a distance with digital camera sensors. A pilot study***, funded by the BIAL Foundation and authored by Pederzoli, Bilucaglia, Prati, Matteoli and Tressoldi (already available last year in a pre-print version) is however still awaiting publication, as would be expected given the unusual nature of the subject. Hopefully publication will be very soon.

As explained in the previous report, we are trying to determine if it's possible to mentally produce a pre-defined image from a distance on modern professional digital image sensors, and to do so in a sufficiently high quality such that the image can be recognized by Artificial Intelligence. The study is proceeding normally and is producing groundbreaking results, which of course cannot be described here but, as always, will soon become publicly accessible.

MEDIUMSHIP

EVANLAB's sister research group, called the SCIENCE OF CONSCIOUSNESS RESEARCH GROUP (<https://socrg.org>), directed by PHD Patrizio Emmanuele Tressoldi (Studium Patavinum, last year created the *GRUPPO DI RICERCA ITALIANO SULLA MEDIANITÀ* (Italian Mediumship Research Group) with the aim of doing a triple blind study of mediums (as it happens, only women participated). This gave rise to a paper called ***Mediumship accuracy: a quantitative and qualitative study with a triple-blind protocol***, authored by Tressoldi, Liberale, Sinesio, Bubba, Pederzoli and Testoni, which was published by Elsevier – EXPLORE.

BICS Contest (<https://www.bigelowinstitute.org/contest.php>)

And now for some really unexpected news, which could potentially be very important for EVANLAB. Robert Bigelow (born 12th May 1945) is an American entrepreneur, owner of the Budget Suites of America motel chain and founder of Bigelow Aerospace, which produces modules for space stations. Bigelow decided to create an international competition, and has allocated 1.5 million dollars in prize money to whomever can definitively prove, in the best possible way, the survival of human consciousness after the physical body's death. A requirement for admission to the competition is at least 5 years' experience in the field as at the 28th February 2021. Our request was made under the name L. Pederzoli and it was a great honour to receive the admission documents in record time. The work was submitted by the due date of 1st August 2021 and was authored by Pederzoli and Tressoldi, very well translated into English by C. Evangelista, and accepted as an official competitor. There will be 14 winners: the first will receive \$500,000, the second \$300,000, the third \$150,000 and the remaining 11 will each receive \$50,000. The

adjudicators are six well-known people: Leslie Kean, Christopher C. Green MD PhD, Harold Puthoff PhD, Brian Weiss MD, Jeffrey Kripal PhD, Jessica Utts PhD and Colm A. Kelleher PhD, and the winners will be announced on the 1st November 2021.

We certainly hope to be amongst the winners, but participation alone is quite an accomplishment! The official submitted paper must have no more than 25,000 words, therefore we presented a somewhat condensed version of our total work, which can be seen in English here:

<https://figshare.com/articles/dataset/Channelings/6984251?file=28799568>, or also in both English and Italian at www.evanlab.org, under the title ***Is human consciousness eternal? Let's ask those in the hereafter to tell us - Full Version.***

CURRENT STATUS OF SCIENTIFIC PUBLICATIONS

NB: All articles are available on our website www.evanlab.org .

SUBMITTED ARTICLES AND PUBLICATIONS ON PEER-REVIEW JOURNALS

Tressoldi, P.E., Pederzoli, L. ***What is it like to be in Out-of-Body? Phenomenal accounts of experiencers***

(Submitted) Available on: <https://mindrxiv.org/5vwmg>

Pederzoli, L., Bilucaglia, M., Prati, E., Matteoli, M. & Tressoldi, P.E. ***Modern Thoughtography: Mind Interaction at a distance with digital camera sensors: a pilot study***

(Submitted) Available on: <https://psyarxiv.com/edpt5/>

Tressoldi, P.E., Liberale, L., Sinesio, F., Bubba, V., Pederzoli, L., Testoni, I. ***Mediumship accuracy: a quantitative and qualitative study with a triple-blind protocol***

Elsevier– EXPLORE: on line since June 07, 2021. Available on: <https://psyarxiv.com/fs3hc/>

Pederzoli, L., Tressoldi, P., Wahbeh, H. ***Channeling: a non-pathological possession and dissociative identity experience or something else?***

Springer - CULTURE, MEDICINE, AND PSYCHIATRY July 01, 2021.

Available on: https://www.researchgate.net/publication/349981231_Channeling_a_non-pathological_possession_and_dissociative_identity_experience_or_something_else

Tressoldi, P.E., Pederzoli, L., Prati, E. and Semenzato, L. ***Mental interaction at a distance with an electronic device***

Journal of Scientific Exploration, Vol. 34, No. 2, pp. 231–243, 2020

https://www.scientificexploration.org/docs/34/jse_34_2_Tressoldi.pdf

Pederzoli, L., Tressoldi, P.E., Prati, E., Resti, N. and Del Carlo, D. ***Hypno-Channelings: a new tool for the investigation of channeling experiences***

Journal of Consciousness Exploration & Research | Aug. 2020 | Vol.11 | Issue 5 | pp. 504-514

Also available on: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3281560

Pederzoli, L., Prati, E., Ballati, A. & Tressoldi, P.E. **Remote Viewing with and without controlled Out-Of-Body Consciousness**

Advanced Research in Psychology July 30. 2020

<https://www.arep.at/article/14154-remote-viewing-with-and-without-controlled-out-of-body-consciousness>

Tressoldi, P.E., Pederzoli, L., Prati, E. and Semenzato, L. **Mental interaction at a distance with an electronic device: a pre-registered proof-of-concept study**

Journal of Scientific Exploration, Vol. 34, No. 2, pp. 231–243, 2020

Also available on: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3553485

Facco, E., Pederzoli, L., & Tressoldi, P.E. **Non-Ordinary Mental Expressions (NOMEs): clues on the nature of the human mind**

Copyright. 2019. **Psychreg Journal of Psychology** - ISSN: 2515-138X

Available on: <https://psyarxiv.com/ac2n7/>

Pederzoli, L. **Will and intent**

PROCEEDINGS OF ADVANCES IN LASEROLOGY- Selected papers of Laser Florence 2019 –

Filodiritto Editore (BO)

Also available on: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3516054

Tressoldi, P.E., Pederzoli, L., Prati, E. and Semenzato, L. **Mental interaction at a distance with an electronic device: a pre-registered proof-of-concept study (Interazione mentale a distanza con un dispositivo elettronico: dimostrazione pratica peregistrata)**

Journal of Scientific Exploration, Vol. 34, No. 2, pp. 231–243, 2020

Also available on: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3553485

Pederzoli, L., De Stefano, E., and Tressoldi, P.E. - **Hypno-Death-Experiences: death experiences during hypnotic regressions (Hypno-Death-Experiences: esperienze di morte in regressione ipnotica).**

Death Studies 18 Jun 2019

Also available on: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3303333

Bilucaglia, M., Pederzoli, L., Giroladini, W., Prati, E., Tressoldi, P.E. - **EEG correlation at a distance: a re-analysis of two studies using a machine learning approach**

F1000Research 2019, 8:43 - <https://f1000research.com/articles/8-43/v2>

Facco, E., Casiglia, E., Al Khafaji, B.E., Finatti F., Duma, G.M., Mento, G., Pederzoli, L. & Tressoldi P.E. - **Neurophenomenology of Out-of-Body Experiences Induced by Hypnotic Suggestions**

Journal of Clinical and Experimental Hypnosis, 67(1): 1–30, 2019

Available on: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2820689

Giroladini, W., & Pederzoli, L. - **Brain-to-Brain Interaction at a Distance Based on EEG Analysis**

Journal of Consciousness Exploration & Research, June 2018. Vol. 9. Issue 6, pp. 501-513

Also available on: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3212033

Tressoldi, P.E., & Pederzoli, L. - **Mental Technologies: distant mental influence on the behaviour, physiology, and emotions of human beings, and on biological and physical targets**

Mindfield Bulletin 10.3.2018. Available on: <https://psyarxiv.com/rvysd/>

Pederzoli, L., Giroldini, W., Bilucaglia, M., Prati, E. and Tressoldi, P.E - ***The Physics of Mind-Matter Interaction at a Distance***
NeuroQuantology, Vol 15, No 3 (2017)
<https://www.neuroquantology.com/index.php/journal/article/view/1063>

Tressoldi, P.E., Pederzoli, L., Matteoli, M., Prati E. and Kruth, J.G. - ***Can our Minds emit light at a 7300 Km distance? A pre-registered confirmatory experiment of mental entanglement with a photomultiplier***
NeuroQuantology, Vol 14, No 3 (2016)
<https://www.neuroquantology.com/index.php/journal/article/view/906>

Giroldini, W., Pederzoli, L., Bilucaglia, M., Melloni, S. and Tressoldi, P.E. - ***A new method to detect Event-Related Potentials based on Pearson's correlation***
EURASIP Journal on Bioinformatics and Systems Biology. 7 June 2016, 2016:11
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4894923/>

Walach, H., Tressoldi, P.E., Pederzoli L. - ***Mental, behavioural and physiological nonlocal correlations within the Generalized Quantum Theory framework***
Axiomathes. April 2016 - <https://link.springer.com/article/10.1007/s10516-016-9290-6>
Also available on: <http://ssrn.com/abstract=2695741>

Tressoldi, P.E., Pederzoli, L., Caini, P., Ferrini, A., Melloni, S., Richeldi, D., Richeldi, F., Trabucco, A. - ***Hypnotically Induced Out-of-Body Experience: How Many Bodies Are There? Unexpected Discoveries About the Subtle Body and Psychic Body***
SAGE Open. October-December 2015: 1-11 - November 16, 2015
<http://journals.sagepub.com/doi/full/10.1177/2158244015615919>

Giroldini, W., Pederzoli, L., Bilucaglia, M., Caini, P., Ferrini, A., Melloni, S., Prati, E., Tressoldi, P.E. ***EEG correlates of social interaction at distance***
F1000Research. 2015, 4:457 <https://f1000research.com/articles/4-457/v5>

Tressoldi, P.E., Pederzoli, L., Caini, P., Ferrini, A., Melloni, S., Richeldi, D., Richeldi, F., Duma, G.M. - ***Mind-Matter Interaction at a Distance of 190 km: Effects on a Random Event Generator Using a Cutoff Method***
NeuroQuantology | September 2014 | Volume 12 | Issue 3 | Page 337-343
<https://www.neuroquantology.com/index.php/journal/article/view/767/663>

Tressoldi, P.E., Pederzoli, L., Bilucaglia, M., Caini, P., Fedele, P., Ferrini, A., Melloni, S., Richeldi, D., Richeldi, F., Accardo, A. - ***Brain-to-Brain (mind-to-mind) interaction at distance: a confirmatory study***
F1000Research. 2014, 3:182 - August 5, 2014 <https://f1000research.com/articles/3-182/v3>

PRE-PRINT PUBLICATIONS

Pederzoli, L., Tressoldi, P.E. ***HypnOBE Channellings – Contents of dialogues with Antares – 2020-11-20***
Available on: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3354140

Pederzoli, L., Tressoldi, P.E. ***HypnOBE Channellings - Contents of dialogues with “Him” – 2020-10-28***

Available on: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3320104

Pederzoli, L., Tressoldi, P.E. ***HypnOBE Channellings - Contents of all VR channellings - 2020-09-14***

Available on:

https://www.researchgate.net/publication/340298015_CONTENTS_OF_ALL_VR_CHANNELLINGS_From_dialogues_with_an_immaterial_being_through_VR_in_an_hypnotic_out_of_body_state

Pederzoli, L. and Tressoldi, P.E. ***Frontiers of hypnosis for research purpose***

December 22, 2019 -

https://www.researchgate.net/publication/338342630_FRONTIERS_OF_HYPNOSIS_FOR_RESEARCH_PURPOSE

Facco, E., Pederzoli, L. and Tressoldi, P.E. ***Non-ordinary experiences of consciousness: expressions of our true nature***

December 27, 2019 - https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3510213

Nicholls G., Pederzoli, L., and Tressoldi, P.E. - ***The phenomenology of spontaneous and hypnotically induced Out-of-Body Experiences: A comparison***

March 01, 2019 - <https://mindrxiv.org/pqcer/>

Pederzoli, L., Tressoldi, P.E. - ***HypnOBE Channelling - Agarthian Summary***

February 2, 2018 - https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3354135

Pederzoli, L., Tressoldi, P.E. - ***From N.R.'s HypnOBES***

April 8, 2018 - https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3357153

Pederzoli, L., Tressoldi, P.E. - ***A guide for OBE induction***

March 12, 2018 - https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3142567

Giroladini, W., Pederzoli, L., Bilucaglia, M., Prati, E. and Tressoldi, P.E. - ***Brain-to-Brain interaction at a distance - A global or differential relationship? v2***

v1: September 5, 2017; v.2: May 14, 2018 -

https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3029605

De Foe, A., Al Khafaji, B.E., Pederzoli, L., Prati, E. and Tressoldi, P.E. - ***Out-of-body-experiences, a phenomenological comparison of different causes***

Jan 24, 2017 - https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2903827

Pederzoli, L., Giroladini, W., Duma, G.M., Mento, G., Prati, E. and Tressoldi, P.E. - ***Out-of-Body Experience Induced by Hypnotic Induction: A Neurophenomenological Study***

Aug 11, 2016 - http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2820689

Tressoldi, P.E., Pederzoli, L., Ferrini, A., Matteoli, M., Melloni, S., and Kruth, J.G. - ***Can Our Minds Emit Light? Mental Entanglement at Distance with a Photomultiplier***

July 1, 2015 - http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2625527

Pederzoli, L. - ***A new model of reality***

June 16, 2015 - http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2619221

Tressoldi, P.E., Pederzoli, L., Caini, P., Ferrini, A., Melloni, S., Richeldi, D., Richeldi, F., Kruth, J. G. -
Mental Interaction at Distance on a Photomultiplier: A Pilot Study

October 24, 2014 - http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2506135

Tressoldi, P.E., Pederzoli, L., Bilucaglia, M., Caini, P., Fedele, P., Ferrini, A., Melloni, S., Accardo, A. -
Brain-to-Brain (Mind-to-Mind) Interaction at Distance: A Pilot Study

May 24, 2014 - http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2423852

Tressoldi, P.E., Pederzoli, L., Caini, P., Ferrini, A., Melloni, S., Richeldi, D., Richeldi, F., Trabucco, A. -
Out of Body Experience Induced by Hypnotic Suggestion: Phenomenology and Perceptual Characteristics

March 17, 2014 - http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2443719

E-BOOK

Pederzoli, L. ***The Megalith Builders - Psychic archaeology and the Nuragic civilization***

<https://www.researchgate.net/publication/317264700> THE MEGALITH BUILDERS -
Psychic archaeology and the Nuragic civilization