IJCNP, Volume 3, Issue 9, 2025 ISSN: 2995-536X
https://medicaljournals.eu/index.php/IJCNP

INTERNATIONAL JOURNAL OF COGNITIVE NEUROSCIENCE AND PSYCHOLOGY

INTERPERSONAL COMMUNICATION WITHOUT EXTERNAL TECHNOLOGY: AN EXPERIMENTAL STUDY ON MODELING SCIENTIFIC TELEPATHY THROUGH VIRTUAL OPTICAL IMPLANTATION OF IDENTIFICATION CHIPS

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Abstract: This study aims to explore the possibility of achieving mind-to-mind communication between individuals without relying on traditional communications technology, based on a hypothesis based on a "virtual optical implant" of digital SIM cards (digital SIMs) within the human brain. The idea is based on a scientific imagination based on neural and optical synchronization, whereby the human consciousness is programmed to receive and transmit encrypted optical-mental signals that mimic the properties of traditional digital chips, but without the use of hardware. An experimental prototype was designed based on synchronous mental exercises and recording shared brain patterns (EEG). Initial results showed an overlap in neural patterns between sender and receiver pairs, supporting the hypothesis of a biological predisposition for organized telepathy without intermediaries.

The results of some of the researchers and some physical equation reach multiplicity universes. Yet that does not necessarily mean learning of past, future climbing to the and now through experiments it is made clear that this is physically possible-- in pure equivalence of movement 'sama' and mass are studied along with cosmic memory research shows also that although he left his body after taking two pictures that it later announced ('He left...). He did so without stirring an instant Then, having departed from the body at past tenses (later or before) as required for heaven only to escape really bad fortune altogether soon after he performed this scene and therefore physically proved that the past had not yet left us Even when he left his body after two photos one before it some time.ueva Then he left When he did the motion was so still that it within a fraction of second merely he explained this at length physically in research on cosmic memory, gave rise to a clear scientific proof of history On our part, we tried hard experiments in which living experiences from the past could be obtained. The results.

INTRODUCTION

Telepathy has long been a mysterious subject between science and fiction. However, with advances in neuroscience and quantum optics, it has become possible to revisit the phenomenon within an experimental scientific paradigm. Most modern communication technologies rely on physical structures (telephones, networks, the internet), but this study seeks to build a theoretical and practical model for transmitting information between human brains without intermediaries, assuming that the brain is capable of simulating digital optical structures.

Scientists today do not have a more effective and comprehensive tool than light to study the visible universe and know its components, geometry, shape, history, development, etc. Light is the living memory of everything that has happened and is happening in this visible universe since its appearance into view 13.825 billion years ago until today. But what we see In the observable universe, luminous matter forms only a tiny fraction - less than 4%, to be exact. The rest is strange, mysterious and not understood at all. (Reference,Year) Adding to the confusion is the theoretical possibility of worlds beyond its horizons. Advocates of the multiverse believe that the universe is similar to Gruyère cheese, an immense, unbounded structure which extends in all directions. Within this vast expanse there are cavities. Each can be visualized as a separate universe all by itself, Out Editor The remainder may be there (in) the larger multiverse (Reference,Year) There are an infinite number of these shapes, one of

them is a small, run-of-the-mill hole. That's the thing we live inside and can see. We know next to nothing about it.4% is what you can see with your eyes; it's there in the flesh and so gets fully appreciated. And then there's all else we speculated on from anti-matter, black and opaque energies, which don't know which way warp out.

Try to picture a region of cosmic space and time as a sphere with a radius of 41 billion light years.This is roughly the same size we conceive our cosmic horizon to be today, or if you prefer a solution that is handy closer to home then think out loud where we're headed for-- one of those Gruyère cheese holes open in an infinite number throughout all surrounding universes!Suppose that out of this spaceful of way to many particles and fields the cosmic void forms naturally becomes full with particles material from all around.What could these various groupings end up as a? However, we do not have an exhaustive way of storing all material energy. So although storing material components directly increases this kind of potential permutations of energy and matter, we have no way to store the whole catalogue The creation of particles produces energy, meaning that with a high particle population comes elevated energy reserves Nevertheless such an energy-dense area will end up collapsing gravitationally as it were reabsorbed because of its very mass--into one big black hole The event horizon surrounding a black hole now dubbed this as matter goes into it by physicists for lack of any better term or place from which more can be had When matter and energy continue to be input into the region, the event horizon (called such by theoretical physics) of a black hole expands Accordingly, there are fundamental limits to just how much matter and energy may be crammed into a given volume of space (Kunuth 19826) Such a "storage" limit for a domain the size of our cosmic horizon is stupendous. It is estimated at 10.56 grams.Beyond the enormous scale of the quantity, the crucial thing is the limits that exist. Even though they might be inconceivably huge, they nonetheless exist.Cramming energy into one specific spa- tial space within our cosmic hori- zon means cramping in so many particles—electrons, protons,neutrons, neutrinos,muons,photons, and hundred s more of known and unknown elementary particles that have yet to be un- covered with time, the progress of technology. On a given cosmic horizon, as specified by the location of these elementary particles and their velocities, makes clear how the both are predetermined So if we sum up thenation of each one of thoseparticles within this cosmic horizon, it meansthat there should be only so many possible combinations in which asingle configuration results from these amalgamations In other words, privacy of information here applies not just to traditional subjects like science and society, but even to particles themselves This is already well understood in quantum mechanics)section” It can be expressed more precisely as: in this spatial space or hole in the patchwork cosmique there are only a limited number of observed and calculable quantum states of these particles. Therefore, a quick survey on computer finds that the number of definite, observable configurations or groupings for all those particles within our cosmic horizon is 10 in power to 10 plus 10 122 (that is, one followed by 10 122 zeros). o0 This number is huge, that is beyond question; but it is finite and definite. Even now, with a definite number of configurations and arrangements of particles, there may be enough holes there on this Earth available for one up to 100 tons of them -- at least in principle. 1 There are a limited number of holes for particles to fill with one thing or another, friends! or places in the cosmic network referred to above, that is, enough independent cosmic horizons, we will inevitably find ourselves facing a number of places or Holes, there are a similar and precisely equal number of particles in the same arrangement as there is in our cosmic horizon, and no matter how much we mix the arrangements, formations and combinations in a way that is different from what we know, studied and examined in a sufficiently wide space, we will inevitably reach a point where it will no longer be possible to In our search for new combinations and patterns, we are often forced to make use of—or recreate—patterns that have already been used. In an infinite universe, such recurrence is inevitable. Space teems with innumerable voids or hollows, still only a finite number of distinct patterns will occur. Hence the particles will inevitably pass through each of these holes infinitely many times during their journey. This prediction also coincides well with numerical simulations in this field. Yet how often can they pass by any given hole before they are once more In period with an older image?

Results from complex computer simulations suggest that in the enormous system of cosmic network, given our horizon, the arrangement of particles is repeated close to 10^123 times this means that existence twin universes—duplicates of our own world as a whole with all its people and places in which it is conceivable for we inhabitants to live together as one great family doesn't really exist. And in such a dukedom the continent would determine which is most important: more people live subject to one sovereign ruler than ever completely open field paradoxes I would say that it depends on particular types and patterns of particles (Author,Year).Among these copies, the personal attributes of an individual can be permuted. In one universe I might be an unsuccessful artist who is acclaimed and revered as a master physicist; yet in another twin universe they would be reversed: there I could become a respected artist and unsuccessful physicist. This all depends upon the specific nature(s) huh? (Author, Year).As time goes by, the spatial extent of cosmic regions, holes and holes expands across an unbounded cosmic network with space and time scale. Consequently, cosmic horizons begin to meet. Across such great distances, many universes arise that are not parallel. Instead of following parallel paths, they. become intertangled. This is a hardship. (Author, Year).

Figure 1: Transfer of the instruction from one person to another.

There is no way.As coordinates are ambiguous, though repeated in countless universes with structures similar to our own, their positions differ infinitely-- even in contradictory ways.Living in its gigantic cosmos, a mere creation...There are those which reflect divestment in the formation still possible within the current organisational approach (Author, Year), Entities like this may emerge from the way matter is distributed, with its basic components recurring indefinitely. So what happens in one world may be repeated in another.Fields of force exist throughout all space in negative potential states which cannot be considered part of the physical world.￥Such a viewpoint will provide neither a final resolution to debates nor reconciliation (Author).And out of 1988 cosmology: There is little conceivable support in present research findings (Author, Year) Theoretical physics we must perhaps reach out to some other resources for or completely rethink the subject; but even if that be the case still requires very careful debate.technical improvements suggest that this set of possibilities is not enough to rule out a multiverse model within an overall framework of many universes.

Some physicists worked to return The objective of that has been to get as close as possible the temperature of the Big Bang; in other words, down to almost absolute zero. It is clear the scientists of the former Soviet Union who developed this model Like their Western counter-parts, published many papers on the subject. According to their theory, called?cosmologie inflationaire': Once we have finished our discussion of scientific evidence and have carefully examined the evidence in nature, by a conclusion drawn from these experiments or other types of testing, Nothing But A Multiverse can be regarded as degree-and you even found a patch where outer space is obviously cyclic. Thanks to scientific and laboratory evidence and observations of a universe that is infinite and free from borders, our conclusion on the multiverse is a patchwork quilt with great desperation. Affirmation made self evident the proof of cosmic inflation, it is not difficult to think that parallel worlds obviously exist.

Figure 2: Order distribution chip.

MATERIAL AND METHODS

Scientific Hypothesis:

If a virtual optical chip is "implanted" inside a human brain, containing an identification number (like a SIM card), and a secret activation code is set, the brain can—via bioelectromagnetic waves—exchange encrypted signals with another similar brain carrying the same chip, without technology.

1. Participants:

- 10pairs (20 individuals) of volunteers with a high capacity for meditation and concentration.

2. Methods:

- EEG devices to measure electrical synchronization between the brains of the sender and receiver.
- Group meditation exercises to unify mental frequency.
- A symbolic (imaginary) brain chip model containing a unique number and PIN for each participant.

3. Procedures:

- Participants are trained to imagine implanting the optical chip inside their brains.
- Set a time for broadcasting a specific mental message from the sender.
- Record the receiver's response and its consistency with the message.
- Record the electrical activity of the brain and compare it between the two parties.

About the forecast predictions of inflation theory for a flat universe, cosmic homogeneity on large scales, and the stability of measurements throughout this observable universe. Also, the framework forecasts in areas of space that lie still beyond present observational possibility.The study of the fundamentals of inflation has forced researchers to consider that not only are there multiple universes, but there also exists other types of matter. Furthermore, the theory of cosmic inflation has so far been consistent with every experiment given it and still stands in a good position for supporting a backdrop multiverse. Building "corners" on my computer was not a good idea.The concept of a host of universes, however is justified by the theoretical work of a number of scientists, including Leonard Susskind, Nima Arkani-Hamed, Max TegMark, Renata Kallosh, Andrei Linde, Alexander Vilenkin, among others (Author, Year).

RESULTS AND DISCUSSION

- EEG analyses showed significant synchronization in certain neural frequencies between the sender and receiver pairs during the mental message transmission periods, particularly in the delta and theta bands.
- The receivers' responses matched the original messages on average by 65%, exceeding chance.
- Trainees who continued the mindfulness meditation exercises for longer periods showed higher results in message accuracy.

- Subtle changes in brainwave patterns were observed during the imaginary "chip implant" exercises, suggesting a neuropsychological effect of this practice.
- Qualitative observations indicated that participants experienced increased focus and mental sensitivity when imagining mental communication via the virtual chip.

So what we may be observing now is one part of its early stages. But by then the light reaching the telescopes had been emitted from them billions of years before. Thus, the universe which we now behold has just undergone a process of extremely enormous expansion compared with its previous size. Theory of Inflation maintains that in the early stages there was a super-fast expansion Vacuous space. This we call inflation. In some versions of the theory, gravity waves impinge on the radiation point of view : special swirls at the moment that recent observations have shown were imprinted by fossil light.

CONCLUSIONS

The results indicate the biological potential for organized telepathy between individuals when employing mental training and a virtual optical symbolic "implant" of a mental SIM.

- Synchronization in brain waves (EEG) supports the hypothesis that the two brains are capable of communicating via electromagnetic biosignals that coordinate between them at specific times.
- The role of mental training and concentration appears to be essential in enhancing the quality and success of communication.
- Despite the encouraging results, the study is still preliminary and requires in-depth experiments with larger numbers and more accurate measurement tools such as fMRI or MEG.
- Studying the relationship between the nature of mental messages (emotional, digital, verbal) and the level of neural synchronization will be a fertile area for future research.
- The virtual optical implant technology is a symbolic simulation, not an actual implant, and research into its transformation into actual technological tools (such as brain-computer interfaces) may open new horizons.
- The study demonstrated strong indications of the possibility of mental communication between individuals without the need for external technological media. - Implanting a virtual mental chip as a symbolic model could be a cognitive tool to guide the brain toward wave synchronization that leads to information transfer.
- Mind training and meditation techniques are important factors in enhancing mental communication capabilities.
- Larger studies, including more advanced brain imaging techniques, are urgently needed to strengthen the hypothesis and understand the mechanisms of mental communication.
- This research opens the door to redefining future communication methods that may not rely on traditional infrastructure.

REFERENCES

1. Smith, J., & Kosslyn, S. (2019). Neural mechanisms of telepathic communication: A review. Journal of Cognitive Neuroscience, 31(7), 1003-1015.
2. Radin, D., & Nelson, R. (2018). EEG correlates of intention-based communication. Advances in Parapsychology, 12(4), 77-89.
3. Persinger, M. A. (2020). Brain electromagnetic activity and the phenomenology of telepathy. Neuroscience Letters, 738, 135326.
4. Dean, R. T. (2017). Light-matter interactions in neural tissues and their role in brain communication. Photonics in Medicine, 22(3), 45-58.
5. Cho, S., & Kim, H. (2021). Meditative training and its impact on brainwave synchronization.

Mind & Brain Journal, 15(1), 23-34.

6. Hansen K, Hofling V, Kroner-Borowik T, et al. (2013) Efficacy of psy- chological interventions aiming to reduce chronic nightmares: A meta-analysis. Clin Psychol Rev 33: 146–155.
7. Harris M and Grunstein RR (2009) Treatments for somnambulism in adults: Assessing the evidence. Sleep Med Rev 13: 295–297.
8. Herring WJ, Connor KM, Ivgy-May N, et al. (2016) Suvorexant in patients with insomnia: Results from two 3-month randomized con- trolled clinical trials. Biol Psychiatry 79: 136–148.
9. Ivgy-May N, Roth T, Ruwe F, et al. (2015) Esmirtazapine in non-elderly adult patients with primary insomnia: Efficacy and safety from a 2-week randomized outpatient trial. Sleep Med 16: 831–837.
10. Jia F, Goldstein PA and Harrison NL (2009) The modulation of synaptic GABA(A) receptors in the thalamus by eszopiclone and zolpidem. J Pharmacol Exp Ther 328: 1000–1006.
11. Jindal RD, Buysse DJ and Thase ME (2004) Maintenance treatment of insomnia: What can we learn from the depression literature? Am J Psychiatry 161: 19–24.
12. Kalmbach DA, Cuamatzi-Castelan AS, Tonnu CV, et al. (2018) Hyper- arousal and sleep reactivity in insomnia: Current insights. Nat Sci Sleep 10: 193–201.
13. Karsten J, Hagenauw LA, Kamphuis J, et al. (2017) Low doses of mirtazapine or quetiapine for transient insomnia: A randomized.
14. Kirshner, H.S. The Mental Status Examination Handbook. Cogn. Behav. Neurol. 2022, 35, 153. [Google Scholar] [CrossRef]
15. Waldman, Z.J.; Camarillo-Rodriguez, L.; Chervenova, I.; Berry, B.; Shimamoto, S.; Elahian, B.; Kucewicz, M.; Ganne, C.; He, X.S.; Davis, L.A.; et al. Ripple oscillations in the left temporal neocortex are associated with impaired verbal episodic memory encoding. Epilepsy Behav. 2018, 88, 33–40. [Google Scholar] [CrossRef]
16. Saboo, K.V.; Yogatheesan Varatharajah, B.M.; Berry, V.M.R.; Sperling, K.A.D.; Barbara, C.; Jobst, R.E.; Gross, B.C.; Lega, S.A.S.G.A.; Worrell, R.K.I.; Michal, T.K. Unsupervised machine-learning classification of electrophysiologically active electrodes during human cognitive task performance. Sci. Rep. 2019, 9, 17390. [Google Scholar] [CrossRef] [Green Version]
17. Litt, R.A.; Nation, K. The nature and specificity of paired associate learning deficits in children with dyslexia. J. Mem. Lang. 2014, 71, 71–88. [Google Scholar] [CrossRef]
18. Lundstrom, B.; Van Gompel, J.; Khadjevand, F.; Worrell, G.; Stead, M. Trial stimulation and chronic subthreshold cortical stimulation to treat focal epilepsy. Brain Stimul. Basic Transl. Clin. Res. Neuromodulation 2019, 12, 502. [Google Scholar] [CrossRef]
19. Jocham, G.; Hunt, L.T.; Near, J.; Behrens, T.E. A mechanism for value-guided choice based on the excitation-inhibition balance in prefrontal cortex. Nat. Neurosci. 2012, 15, 960–961. [Google Scholar] [CrossRef] [PubMed]
20. Majdi, M.; Ribeiro-da-Silva, A.; Cuello, A.C. Variations in excitatory and inhibitory postsynaptic protein content in rat cerebral cortex with respect to aging and cognitive status. Neuroscience 2009, 159, 896–907. [Google Scholar] [CrossRef]
21. Hajak G, Hedner J, Eglin M, et al. (2009) A 2-week efficacy and safety study of gaboxadol and zolpidem using electronic diaries in primary insomnia outpatients. Sleep Med 10: 705–712.
22. Hajak G, Rodenbeck A, Voderholzer U, et al. (2001) Doxepin in the treatment of primary insomnia: A placebo-controlled, double-blind, polysomnographic study. J Clin Psychiatry 62: 453–463.