



Dr. France Lerner



France Lerner, PhD

Languages:  
English/ Hebrew/ French

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### Research Interests

Neuroscience, Digital Interactive Communication, Metaverse and Extended Reality Technologies (VR, AR, Mixed Reality).

### Academic Background

2012-2016: Ph.D. in Art and Science, summa cum laude.  
Supervisors: Prof. Steven Laureys and Prof. Mylène Botbol-Baum.

2012-2014: Internship in the Department of Neurology of Prof. Steven Laureys. Liège University Hospital. Belgium.

2010-2012: Master of advanced studies in Art and Science (DEA). Transdisciplinary collaboration: Royal Academy of Arts / Faculty of Philosophy and Bioethics (HELESI), Louvain / COMA Science Group, Neurology Dept, Liege University, Belgium.

1989-1995:

1991-1995: B.A. Fine Art & Art History, Kingston University, Kingston-upon Thames, England.

1993: Artist residency, St Petersburg, Russia.

1989-1990: Chelsea Art School Foundation, London. England.

### Academic Positions

2016-2022:

Postdoctoral Fellowship, Laboratory for Robotics and Virtual Reality, Faculty of Mathematics and Computer Science. Weizmann Institute of Science, Israel. Supervisor Prof. Tamar Flash.

2022 August-December: CMJ Israel Heritage Center Cultural Project: Digitization collection of autochrones (8000) and archival organization.

2004-2010:

Lecturer position in Inclusive Design, Hadassah Academic College, Israel.

2004-2006: External examiner final art show, Israel Art & Science school of excellence (IASA).

2005-2007: Lecturer position in Interactive Communication, Hadassah Academic College. Israel.

### Awards & Grants

- 2020-2022: Recipient of the Braginsky Center grant for the interface between Science and the Humanities, Weizmann Institute of Science, Israel.
- 2010: Exhibition Funding by the Ministry of Israel Foreign Affairs in Pardes Institute of Contemporary Art. Venice, Italy.

- 2008: Baumann prize recipient given by the French Jewish Foundation. Paris, France.
- 2003: Grant recipient from the European Association for Jewish Culture.
- 1998: Attribution of "Certificate of *Exceptional Artistic Talent*" by the Israeli Ministry of Integration.

### Talks & Interviews

- 2022 June: Lab-Talk on: "*Near-Death Experiences Spaces Physical and Self-locations Motions and Emotions*" in Liad Mudrik Laboratory. Tel Aviv university.
- 2019 March: "*Virtual and Robotic embodiment from neuroscience to virtual reality and robotics*". Barcelona University, Spain.
- 2019 July: International conference on virtual rehabilitation. Hands-on workshop: "*The role of mental imagery in virtual rehabilitation*" with Eric Franklin and Amit Abraham. Tel- Aviv University, Israel.
- 2019 December: Brain Music Cognition Conference ELSC Building. The Hebrew University, Israel.
- 2018 April: Lab-Talk on: "*Near-Death Experiences Spaces*" in Roy Salomon Laboratory Gonda Multidisciplinary Brain Research Center Bar Ilan University, Tel Aviv, Israel.
- 2018 July VECTOR Workshop on "*Virtual environment and current psychological research*". Tübingen University, Germany.
- 2017 March: 13th Karniel Computational Motor Control Workshop. Beersheba University, Israel.
- 2016 June: Lab-Talk in Prof. Shahar Arzy computational neuropsychiatry laboratory. School of medicine Hadassah Ein Kerem, Jerusalem, Israel.
- 2015: Guest visitor of Prof. Sarah Eyal, Laboratory of pharmacy-institute of drug research, Hadassah Hospital. Jerusalem, Israel.
- 2015: Radio talk show on "*Reshet bet*", in Hebrew.
- 2015: Radio talk show on "*Kol Israel*", in French.
- 2015: Seminar Art and Technology; setting-up of mixed research team artists & scientists for nanotechnology projects development. Center for Nanoscience Nanotechnology, Givat Ram. Jerusalem. Israel.
- 2014: Lab-Talk on "*Patients representations of outside body experiences*" Lucid laboratory for user cognition & innovative design. Liège University, Belgium.
- 2014 April: Heller Lecture Series in Computational Neuroscience: "*The brain behind morality*". Edmond & Lily Safra Center for Brain Sciences, Hebrew University. Jerusalem, Israel.
- 2013 June: "*Art and altered states of consciousness*", IEPSCF, Rixensart, Belgium.

### Refereed Journal Publications

- "*VR Setup to Assess Peripersonal Space Audio-Tactile 3D Boundaries*", with France Lerner, Guillaume Tahar, Alon Bar, Ori Koren, Tamar Flash. *Frontiers in Virtual Reality*, 2021. <https://doi.org/10.3389/frvir.2021.644214>
- "*Self-Locations Kinematics Influence the Generation of Near-Death Experience Cognitive and Affective Perceptions*", with France Lerner, Steven Laureys, Vanessa Charland-Verville, Mylene Botbol-Baum. *Journal of Near-Death Studies*, Spring 2021. <https://digital.library.unt.edu/ark:/67531/metadc1834988>

## Papers in Preparation

- *"Extracorporeal affects and related bodily sensations in Near-Death Experiences Spaces."* Frontier in Human Neuroscience and Cognitive Neuroscience. Research Topic *"The Brain and the Inner World - A Wide Range of Subjective Experiences"*.
- *"Time perception of various space-time geometries in virtual reality"*.

## Exhibitions & Art Auctions

- 2016: *"Near-death experiences Spatio-temporal, affective and cognitive representations"*. Louvain Audio-Visual Center, Belgium.
- 2015 July: Museum on the seam Socio-Political Contemporary Art Museum. *"Architecture of Near-death experiences"*. In collaboration with Romain Gary Cultural French Institute. Jerusalem, Israel.
- 2014: *"Serendipité"*, DAM Gallery, Bruxelles Royal Academy of Arts. Brussels, Belgium.
- 2010: Pardes Institute of Contemporary Art Group show: Anselm Kiefer, Jiri Kolar, France Lerner. (Catalog text by Dr. Nadine Shenkar). Venice, Italy.
- 2010: Dwek Gallery of the Konrad Adenauer Center, curator Mrs. Irena Gordon. Jerusalem, Israel.
- 2009: Gallery Artneuland: *"Art of emergency"*. Berlin, Germany.
- 2008: *"Ha Challalit"*, curator Mrs. Maya Shimony. Tel-Aviv, Israel.
- 2008: *"Protected spaces MIR"*. Gallery Nachson. Curator Mrs. Yael Kaeni, (Text: Dr. Eli Weisstub). Israel.
- 2008: *"Fresh Paint"*, Contemporary Israel Art Biennale. Tel Aviv, Israel.
- 2004: *"Sacrifice without an offering"*. Gallery Robert Vallois, St Germain, Paris. France. (Catalog preface by Prof. Eric Marty).
- 2003: Katharina Maria Raab Gallery. Berlin, Germany.
- 1999: Gallery Alexandre de la Salles: *"Victims and persecutors"*. St Paul de Vence, France.
- 1998: *"Light and skin"*, Rachi space. Paris, France.
- 1996 : *"Villa de Noailles"*, (catalog preface by François Carassan). Hyères, France.
- 1996: *"Coal"*, sculpture installation, (booklet by Mr. Jacques Lepage. French Judaism Foundation, Place St Georges, Paris. France.
- 1996: *"Coal"*, photo exhibition. Holocaust Memorial Museum Library. Washington DC. USA.
- 1996 November *"Tearing"*, (booklet by Laurent Cohen). Jerusalem Theater. Jerusalem, Israel.
- 1995: Espace Pierre Cardin, Curator Mr. André Parinaud. Paris, France.
- 1996: Gallery La Tournelle: Gilles Delmas & France Lerner. Poët Laval commandery. Drôme, France.
- 1994: *"Shipwreck of the thought"*. University of Kingston upon Thames, England.
- 1994: Kingston Fine Art Show. Hungarian University of Fine Arts. Budapest, Hungary.
- 1994: Curtain Road Gallery. London, England.
- 1994 *"White Night Festival"*: Art/Music with Mr. Yuri Kassyanik, Saint Petersburg, Russia.

### Online - Art Auction

2022: Stanley Auction sale of photo serie untitled "*Jerusalem: meurtrière*".

2021: Stanley Auction, lot 55. Gazette Drouot (catalog), Brussels.

2019: De Baecque & Associés. Drouot online invaluable. Lyon, France.

2018: Stanley Auction: lot 50, 51, 53. Drouot invaluable. Brussels.

### Private & Public Collections

2022: Collection Israeli Embassy in Belgium and Luxembourg. Brussels, Belgium.

2002: Collection of Israel Museum. Jerusalem, Israel.

2001: Collection of Mr. G. Braun, I. Kugler. Tel-Aviv, Israel.

2000: Enter the private art collection of Mr. Beno Kalev. Tel-Aviv, Israel.

1998: Collection of Mr. Ilan Shabtai. Jerusalem, Israel.

1997: Collection of the French Jewish Foundation.

1995: Collection of Mr. André Parinaud. Paris, France.

1995: Collection of Lord Clive Hollick. London England.