

eMOTIONS



AN ITINERANT BRAINFORUM
DEDICATED TO RITA LEVI-MONTALCINI

7 Cities | 7 Events | 7 Themes
OCTOBER 2021-NOVEMBER 2022



AN ITINERANT BRAINFOURUM
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OCTOBER 2021-NOVEMBER 2022

THE CONCEPT
THE SYMPOSIUM
THE FORMULA
JERUSALEM
ROME
LUGANO
MILANO
GENEVA
LONDON
LISBON

In collaboration with

JERUSALEM



ROME



LUGANO



MILANO



GENEVA



LONDON



International Institutional Relations



THE CONCEPT



Keira Knightley in a scene from Joe Wright's "Anna Karenina"

THE CONCEPT

Emotions have long been interpreted as storms capable of overwhelming human souls, especially women's, and emotionality has been contrasted with the more reliable and masculine rationality. Instead, today we are discovering that it is precisely that turmoil that often constitutes the spark that triggers deep cognitive processes.

Reversing the stereotype of women ruled by their emotions and incapable of rationality, the **eMOTIONS** Itinerant BrainForum has invited brilliant scientists from the most prestigious international universities and institutions to analyse the emotions. considering all their biochemical, genetic, epigenetic, psychological and neurological aspects.

Starting with the history of emotions, we shall discuss how they are born and develop in the brain, their role in artistic manifestations, how they have influenced the development of the most recent studies in virtual reality, robotics and embodiment, the role of gender in the manifestation of emotions, and the pathologies of emotions from excess to absence, and to deception.

All the conferences will be filmed and uploaded on our website, to start an on-line archive of women scientists free for consultation.

THE SYMPOSIUM





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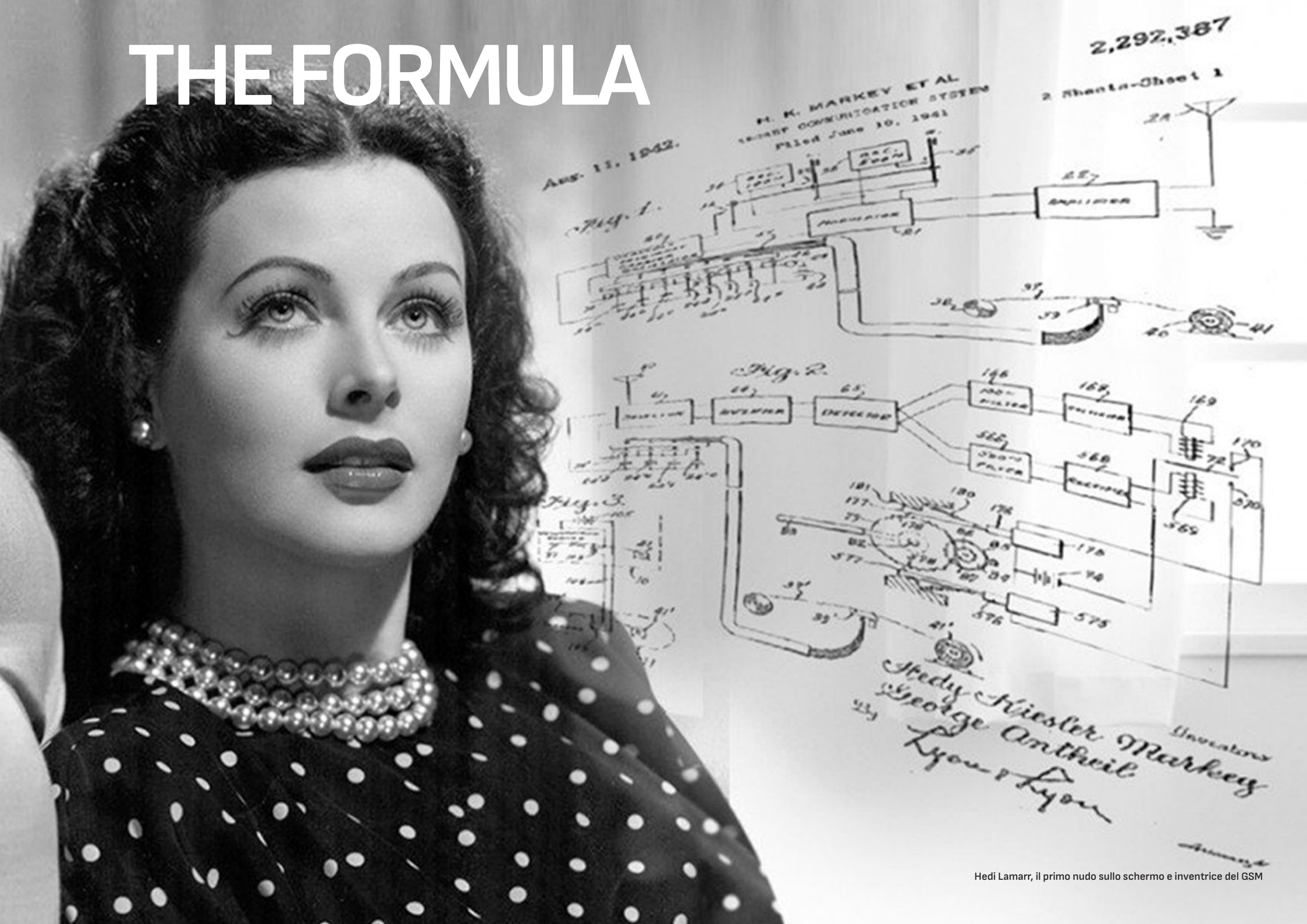
THE SYMPOSIUM

The symposium was conceived by **Viviana Kasam**, President of BrainCircleItalia, in partnership with **Clara Caverzasio**, Co-president of BrainCircleLugano, **Hermona Soreq**, *The Hebrew University of Jerusalem*, **Daniela Perani**, *Università Vita-Salute San Raffaele, Milan* and **Bianca Jones Marlin**, *Zuckermann Institute, Columbia University*.

It is promoted by **BrainCircleItalia**, **European Brain Research Institute Rita Levi- Montalcini**, **ELSC, the Center for Brain Sciences of The Hebrew University of Jerusalem**, **The Sagol Network** and **Women's BrainProject** to celebrate the tenth anniversary of the creation of the BrainCircleItalia Association, which was founded with the support of Rita Levi-Montalcini, who was Honorary President, and of Pietro Calissano.

eMOTIONS is dedicated to **Rita Levi-Montalcini**, and aims to promote **women in science, following the path outlined by the Italian Nobel Prize Laureate**.

THE FORMULA

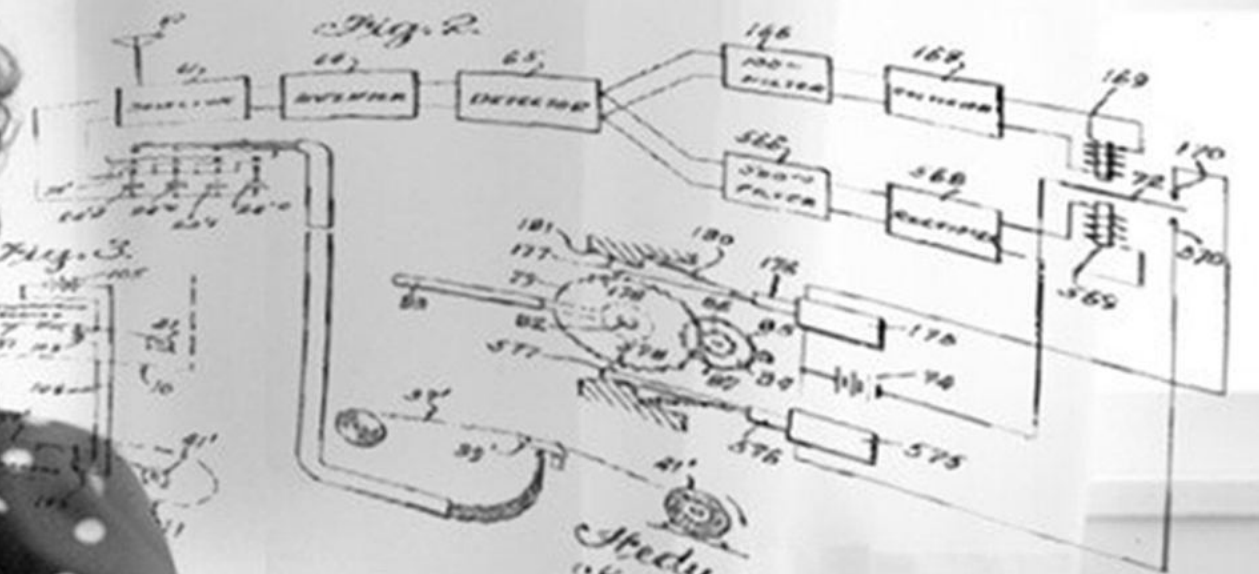
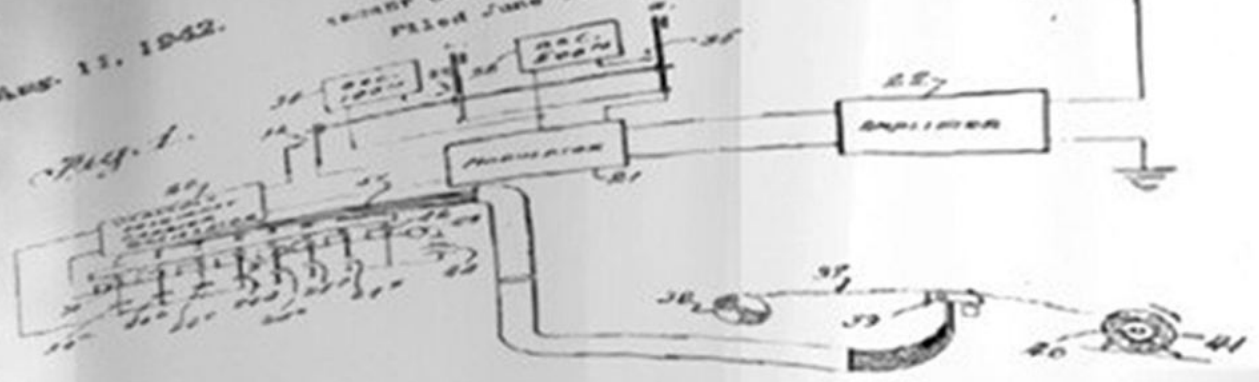


Aug. 11, 1942.

H. K. MARKEY ET AL
SECRET COMMUNICATION SYSTEM
Filed June 10, 1941

2,292,387

2 Sheets-Sheet 1



Inventors
Hedy Kiesler Markey
George Anthiel
Kyon & Kyon

Hedy Lamarr, il primo nudo sullo schermo e inventrice del GSM

THE FORMULA

The formula is innovative. The project involves a series of BrainForums between October 2021 and November 2022, which will take place in various cities: Jerusalem, Rome, Lugano, Milan, Geneva, London, Lisbon. Each BrainForum will host between four and six speakers and will be organised in collaboration with prestigious local universities and research institutes. All the BrainForums will be video-recorded, streamed live and subsequently uploaded online as a single event (*www.braincircleitalia.it* and *www.brainforum.it*). All the presentation uploaded on our website will constitute the beginning of an archive of women neuroscientists from all over the world, freely available for consultation. It is a totally new format: an itinerant BrainForum, focussing on emotions from a woman's perspective.

The inauguration will be held in Jerusalem on 17 October 2021 at the ELSC, Centre for Brain Sciences of The Hebrew University of Jerusalem.

BrainCircleItalia will take care of the coordination, supervision and fundraising. At each location we shall cooperate with local scientific institutions to co-organise the BrainForum and to select topics and speakers.

Institutional relations are entrusted to **Marilena Francese**, president of Musadoc.

JERUSALEM 17.10.2021 UNDERSTANDING EMOTIONS





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JERUSALEM

SUNDAY, 17 OCTOBER 2021, 9:30 AM–1:30 PM
ELSC, ELSC AUDITORIUM, EDMOND J. SAFRA CAMPUS, HUI

In Jerusalem, in partnership with the **ELSC Centre for Brain Sciences of The Hebrew University of Jerusalem**, we'll be talking about **UNDERSTANDING EMOTIONS**.

MODERATOR:

Idan Segev The Hebrew University of Jerusalem

PROGRAM

EMOTIONS: A TOOL BOX

Maya Tamir The Hebrew University of Jerusalem

EMOTIONS FROM SAFETY TO SELFIE

Talma Hendler Director of the Sagol Brain Institute, Tel Aviv Sourasky Medical Center

HELPING OTHERS IN DISTRESS: NEURAL NETWORKS INVOLVED IN EMPATHY

Inbal Ben Ami Tel-Aviv University, Sagol School of Neuroscience

FEAR

Mouna Maroun Sagol Center, Haifa University

GROWING A SOCIAL BRAIN

Shir Atzil The Hebrew University of Jerusalem.

THE ROLE OF MEMORY IN EMOTIONS

Daniela Perani Università Vita-Salute San Raffaele, Milan

REPPRESSED EMOTIONS AND PTSD

Hermona Soreq The Hebrew University of Jerusalem

The musician Daniel Hoffman will evoke emotions with the magic sound of his violin in between the presentations

ROME 19.11.2021

BEAUTY AND THE BRAIN

Can neuroscience explain art?





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ROME

FRIDAY, 19 NOVEMBER 2021, 9:00 AM–13:30 PM
ACCADEMIA NAZIONALE DEI LINCEI

In Rome the BrainForum, organized in partnership with **European Brain Research Institute 'Rita Levi-Montalcini'** will focus on the theme of the **BRAIN AND ART**, a subject very dear to Rita Levi-Montalcini, who repeatedly stressed the similarities between scientific research and artistic creativity.

PRESENTATION:

Viviana Kasam President BrainCircleItalia

Pietro Calissano former President and co-Founder EBRI

MODERATOR:

Antonino Cattaneo President EBRI

PROGRAM

HOW EMOTIONS SHAPE MEMORIES

Cristina Alberini New York University Center for Neural Science

THE REWARDING EFFECT OF BEAUTY IN THE BRAIN

Merav Ahissar ELSC Center for Brain Research, The Hebrew University of Jerusalem

BEHIND BEAUTY: CHOICE IN BIOLOGICAL AND CULTURAL EVOLUTION

Eva Jablonka Cohn Institute for the History of Philosophy of Science and Ideas, Tel Aviv University

MUSICAL GROOVE: THE INTERSECTION OF PLEASURE AND MOVEMENT

Virginia Penhune Concordia University and the International Laboratory for Brain, Music and Sound Research (BRAMS)

BEAUTY AND THE BRAIN: A VIEW FROM THE BODY

Beatrice de Gelder Maastricht University

EMOZIONI NELL'ARTE DELLA MEMORIA EMOTIONS IN THE MNEMONIC ART

Lina Bolzoni Normale Superiore, Pisa

PROUST 'S "RECHERCHE": A TRIGGER OF EMOTIONS

Hannah Monyer EBRI & University Hospital in Heidelberg

THE CONFERENCE WILL BE IN ENGLISH AND ITALIAN
WITH SIMULTANEOUS TRANSLATION

LUGANO 03.12.2021 DOES GENDER AFFECTS EMOTIONS?





LUGANO

FRIDAY, 3 DECEMBER 2021, 6:00–8:30 PM
LAC, LUGANO ARTE E CULTURA, Piazza B. Luini 5

The conference is organized by **BrainCircleLugano** in collaboration with **Women's Brain Project** and **Settimana del Cervello** in the framework of LAC Edu Project. The subject is: **DOES GENDER AFFECT EMOTIONS?**

MODERATOR:

Clara Caverzasio Co-President BraincircleLugano

PROGRAM

NATURE VS NURTURE: PARENTS PROMOTING SURVIVAL

Bianca Jones Marlin Zuckerman Institute, Columbia University

DO MEN AND WOMEN HAVE DIFFERENT BRAINS?

Pamela Agazzi EOC Neurocentro, Ospedale Regionale di Lugano

HOW EMOTIONS RELATE TO DISEASE: GENDER AND SEX IN MEDICINE

Antonella Santucciono Chadha Women's Brain Project (WBP) Zürich

EMOTIONS, BETWEEN BIASES AND PARADOXES: A NEUROSCIENTIFIC PERSPECTIVE

Michela Balconi Università Cattolica, Milan and Brescia

SOCIAL EMOTIONS: EMPATHY IS ALSO A GENDER ISSUE?

Giorgia Silani University of Vienna

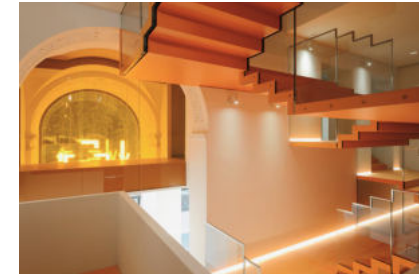
THE CONFERENCE WILL BE IN ENGLISH AND ITALIAN
WITH SIMULTANEOUS TRANSLATION

MILAN 25.01.2022 EMOTIONS IN THE ARTIFICIAL WORLDS





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MILAN

THUESDAY, 25 JANUARY 2022, 9:00 AM–1:30 PM
MEET DIGITAL CULTURE CENTER, Viale Vittorio Veneto, 2

In **Milan**, in collaboration with **MEET-Digital Culture Center**, the main subject of the seminar will be **ROBOTICS, AI AND VIRTUAL REALITY**.

WELCOME ADDRESS:

Viviana Kasam President BrainCircleItalia

MODERATOR:

Maria Grazia Mattei Founder and President MEET

PROGRAM

MUTUAL UNDERSTANDING BETWEEN HUMANS AND ROBOTS

Alessandra Sciutti Italian Institute of Technology, Genoa

NEUROSCIENTIFIC METHODS FOR DESIGNING MORE SOCIAL ROBOTS

Agnieszka Wykowska Italian Institute of Technology, Genoa

CYBORGS AND MAGICAL THINKING

Daniela Cerqui Institute of Social Sciences (iSS), Université de Lausanne

NON HUMAN ROBOTS: A DIFFERENT KIND OF INTELLIGENCE?

Barbara Mazzolai Italian Institute of Technology, Pisa

EMBODIMENT IN VIRTUAL REALITY: IMPACT ON EMOTIONS AND THERAPY

MAVI SANCHEZ VIVES ICREA, August Pi I Sunyer Biomedical Research Institute (IDIBAPS), Barcelona

ALGORITHMS TO DETECT HATEFUL MESSAGES AND EMOTIONS ON SOCIAL MEDIA

Sara Tonelli Digital Humanities Group, Fondazione Bruno Kessler

GENEVA 11.02.2022 EMOTIONS, BEHAVIOUR AND DECISIONS





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GENEVA

FRIDAY, 11 FEBRUARY 2022, 9:30 AM–1:30 PM
CAMPUS BIOTECH, UNIVERSITÉ DE GENÈVE

In Geneva, in partnership with the **CISA – Centre Interfacultaire en Sciences Affectives of the University of Geneva** and *Les Amis Suisses de l'Université de Jerusalem*, we'll be discussing **EMOTIONS, BEHAVIOUR AND DECISIONS**.

PROGRAM

AGING AND EMOTIONS

Carien Van Rekuum University of Reading, UK

IRRATIONAL BELIEFS AND POSITIVE ILLUSIONS

Lisa Bortolotti University of Birmingham

HOW EMOTIONS AFFECT OUR SLEEP

Sophie Schwartz University of Geneva

REPPRESSED EMOTIONS AND POST TRAUMATIC STRESS DISORDERS

Hermona Soreq ELSC, Hebrew University of Jerusalem

LONDON 2022 LOVE AND ITS EMOTIONAL IMPLICATIONS



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LONDON

DATE TO BE CONFIRMED, 2022
SAINSBURY WELLCOME CENTRE, 25 Howland Street W1T 4JG

In London, the conference is organized by **BrainCircleUK** in collaboration with **Sainsbury Wellcome Center of University College** and will explore **LOVE AND ITS EMOTIONAL IMPLICATIONS**.

The panel to be confirmed

PROPOSED THEMES

- Empathy/autism and love/hate
- The biochemistry of love, between sex and tenderness
- Jealousy, a Darwinian resource
- Various forms of love: erotic, maternal, friendly

LISBON JUNE 2022

EVOLVING EMOTIONS: FROM
FLIES TO HUMANS AND BEYOND



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LISBON

JUNE 2022
CHAMPOLIMAUD FOUNDATION

In Lisbon, in collaboration with **Champolimaud Foundation**, we are planning a *Festa do Cerebro*, a *Brain Party* to celebrate the last appointment of Emotions. Musicians, visual artists, actors, will alternate with the lectures from prominent women neuroscientists discussing the **EVOLUTION OF EMOTIONS** from the simplest forms of life to the new experiments in technological implants.

The panel to be confirmed



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BrainCircleItalia



BrainCircleItalia, a non-profit association for the promotion and dissemination of studies of the brain, was founded by Viviana Kasam, who has been President since the beginning, along with a group of professionals from diverse backgrounds – united by their enthusiasm for brain research, which is opening up extraordinary perspectives on the life of humanity, and by the desire to create events of excellence in Italy in the field of neuroscience. The work of BrainCircleItalia was inspired by Rita Levi-Montalcini, Nobel Laureate and Senator for life, who was its Honorary President for three years. BrainCircleItalia is part of the international BrainCircles network of The Hebrew University of Jerusalem. The network was established to support the activities of the ELSC, the Center for Brain Sciences, which is considered one of the best in this field and has on numerous occasions been designated Centre of Excellence by the European Union.

www.braincircleitalia.it



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EBRI EUROPEAN BRAIN RESEARCH INSTITUTE 'RITA LEVI-MONTALCINI'



EBRI | Rita Levi-Montalcini

Founded by Nobel Laureate Rita Levi-Montalcini in 2005, the European Brain Research Institute (EBRI) is a non-profit research center dedicated to understanding higher brain functions, and to studying the brain at the level of molecules, synapses, nerve and glial cells, neuronal circuits and behavior.

Researchers at EBRI are investigating mechanisms underlying serious neurological and neurodegenerative diseases of enormous social importance, including Alzheimer's disease, amyotrophic lateral sclerosis, multiple sclerosis, epilepsy, chronic pain, as well as rare genetic diseases. EBRI is also dedicated to studying complex neurodevelopmental disorders, such as Autism spectrum disorders. Applying a multidisciplinary approach, EBRI researchers use state-of-the-art experimental and computational techniques and develop new technologies to study the brain. From its research, EBRI has generated a rich pipeline of drug candidates of therapeutic interest that are being developed towards clinical testing in humans.

Outreach activities aimed at disseminating scientific knowledge in neuroscience to the public is also a special focus area at EBRI.

www.ebri.it



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ELSC THE EDMOND AND LILY SAFRA CENTER FOR BRAIN SCIENCES



The Edmond and Lily Safra Center for Brain Sciences (ELSC) of The Hebrew University of Jerusalem is a leading global institute in neuroscience. Since its inception, ELSC is driven by a powerful interdisciplinary approach that brings together world-renowned scientists pursuing brain research from different perspectives of theory, biology, and cognitive science.

ELSC is not only home to talented faculty members but also to outstanding doctoral students, many of whom study in its international Ph.D. program. Arthur Berrou, a Ph.D. student from France, described ELSC as "the promised land for a budding neuroscientist". Bringing talented scholars together and working in cutting-edge laboratories in a single research institute, has resulted in many significant breakthroughs.

www.elsc.huji.ac.il



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THE SAGOL NETWORK



THE SAGOL NETWORK

The Sagol Network was set up by the Sagol Family with a vision to support and accelerate advanced research, education and therapy in the fields of Neuroscience & Healthy lifespan. Under the leadership of Sami Sagol, the family set up a virtual network of schools & research centers based in leading academic and medical institutions promoting multidisciplinary projects, laboratories, and technologies. Among these, The Sagol School of Neuroscience at Tel Aviv University, Joseph Sagol Neuroscience Center at Sheba Medical Centre, Sagol Institute for Longevity Research, Weizmann Institute, The Sagol Center for Neurobiology & Ethology and Emily Sagol Center for Creative Art Therapy at Haifa University, Sagol center for Brain & Mind at the IDC , The Sagol Brain center at Sourasky (Tel Aviv) medical center, The Sagol program for computational healthcare at Hebrew University, Kahn-Sagol-Maccabi Health Data Science Institute and The Sagol Center for Hyperbaric Medicine & Research at Shamir Medical Center. Recently, the Sagol Network's philanthropic efforts have also extended to 'bridge' & promote collaborations between Ivy league institutions throughout the world, with initiatives such as Sagol MIT-Weizmann Bridge program, Sagol-Kandel Brain Longevity Initiative at Columbia University, and The Sagol Center for Epigenetics of Metabolism and Aging between Monash

University, in Sydney and Tel Aviv Medical Center. The Sagol Network GerOmic Awards for Junior Faculty with American Federation for Aging Research exemplify the Sagol Network's global approach.

WBP WOMEN'S BRAIN PROJECT



Founded in 2016, we are a group of scientists hailing from various disciplines, including medicine, neuroscience, psychology, pharmacy and communication, who work together with caregivers, patients and their relatives, policymakers and other stakeholders.

The Women's Brain Project (WBP) aims to stimulate a global discussion on sex and gender differences in brain and mental diseases as a gateway to precision medicine.

Men and women are different when it comes to brain and mental disease risks, frequency, severity, symptomatology and even response to treatments. Our goal is to clearly identify such differences in diseases, diagnosis, and treatments, as well as novel technologies, and leverage them for better solutions. Sex and gender differences are the first steps towards precision medicine.

WBP aims to address these issues through scientific research, education, debate, public engagement and advocacy – and the establishment of an institute for sex and gender precision medicine research.

www.womensbrainproject.com



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MEET DIGITAL CULTURE CENTER

MEET DIGITAL
CULTURE
CENTER

Fondazione **CARIPLO** MEET is the Italian center for digital culture.
Born in 2018 with the support of Fondazione Cariplo, MEET aims to bridge the Italian digital divide as the result of a cultural transformation.

Founded and chaired by art critic Maria Grazia Mattei, MEET headquarters is located at the heart of Milan in an art nouveau building Carlo Ratti Associati design firm has redesigned to be the house of digital culture.

MEET is a cultural space for online and on-site digital experience and co-creation. In addition to the famous Meet the Media Guru series, it designs and curates workshops, masterclasses, educational formats, exhibition projects and site-specific installations.

www.meetcenter.it



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MUSADOC

MUSADOC
EVENTI CULTURALI

MUSADOC is a non-profit cultural association that promotes the exchange of values and cultures between people, organizations, and institutions of different nationalities. In collaboration with all the relevant stakeholders, and often with the patronage of both the President of the Republic and the Prime Minister of Italy, MUSADOC develops cultural projects, organizes art exhibitions, literary reviews, concerts, and meetings in order to contribute to the ethical and civil growth at all levels of society.

Musadoc's President Marilena Citelli Francese is also Vice President of Brain Circle Italia. She leads the efforts on Fund Raising and is in charge of all International Relations. Together with Viviana Kasam, they have successfully organized many scientific and cultural events worldwide.

www.musadoc.it