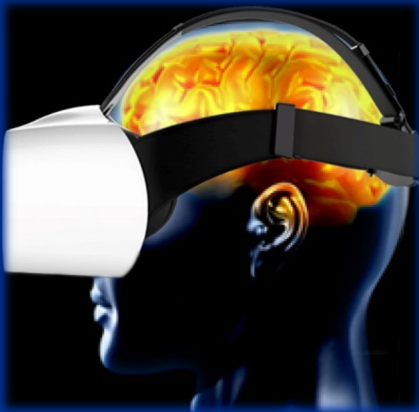


The Global Brain for Harmony and Wellbeing



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University of Montreal
Department of Computer Science

FORUM - Globalization of Education aspired by Harmony and
Wellbeing
August 10, 2024

Center of Learning

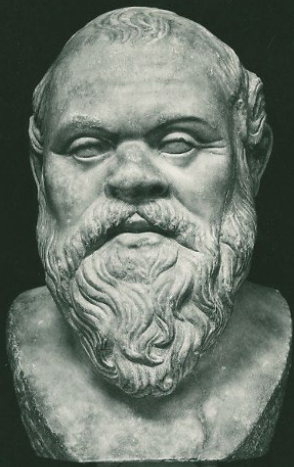


Memory

Cognitive Functions

Positive emotions

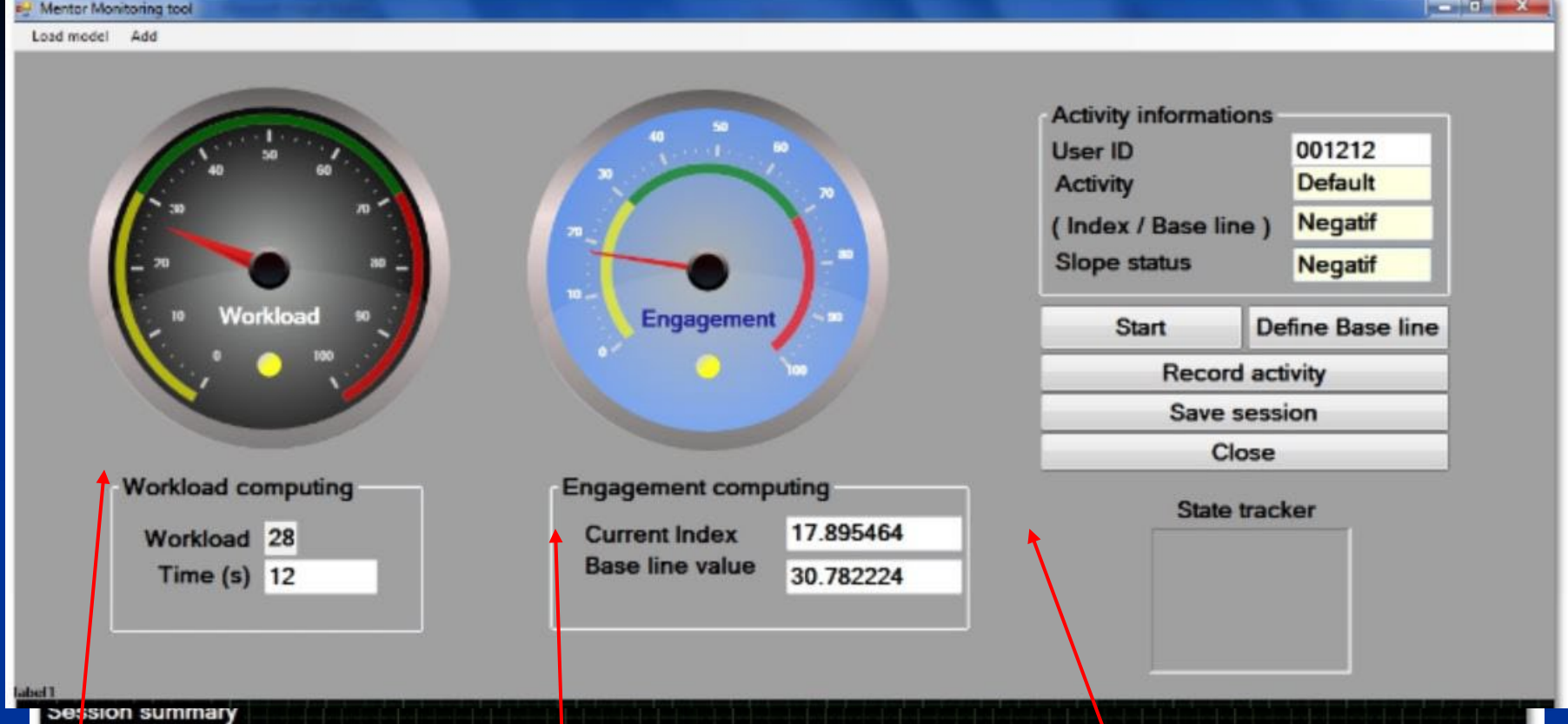
Joy, motivation, engagement, empathy, curiosity, foster knowledge acquisition



23185 - NAPOLI - Socrate - (Coll. Farnese) - Museo Nazionale Ripr. Int. - Andersen Roma

What are the following emotional and cerebral states in a problem solving situation?





Processing with Mentor Companion

Globalization : Human Beliefs

- What have we learnt from World War 2 ?
- Conflicts emerge from emotions, opposed beliefs, captive theories, history forgotten
- Forced Ecology, climate dangers can trigger anxiety of the population and have counter-effect
- Necessity to consider and respect **culture** of the learners to avoid mis-interpretations

The Global Companion

- An Artificial Intelligent companion able to
 - detect and take into account knowledge level, learning style, mental state, but also culture, traditions, ... **the Global Mental State**
 - deploy strategies for positive emotions, engagement, positive relationships. meaning, accomplishment (PERMA model)
- AI based techniques for promoting Well Being in a humane and peaceful society
- Harmony is based on beliefs providing positive feelings

Global Intelligence based on Generative Intelligence



Global
Companion



Advices, explanations just in time,
relaxing emotional conditions,
virtual environments., cultural
explanations etc...



Cognitive
Task



**Improve the
global
cognitive
state of the
Brain**



Thanks for your attention



EMOTIV EEG SENSOR



Your Wellness Metaverse!

Stay Connected:



Activity Bar
Play Shuffleboard, air hockey, and pinball with friends and family.



Bowling
Play bingo against friends, family and strangers in our animated bingo room.



Resort
Bask in the sun, enjoy the beautiful venues and sit back & relax.



Farm
Visit the farm and interact with the animals

Activities:



Theater
Watch movies on the big screen.

Your Virtual Properties:

Enjoy music, books & movies in each property through your jukebox, bookcase and TV.



Zeppelin
Travel across the sky over famous international destinations.



Log Cabin
Bask inside the log cabin's living room and enjoy the view of the river or enjoy a boat ride across the river.



Penthouse
Enjoy the luxurious penthouse and its rooftop terrace overlooking the city..

Stay Active:



Ballroom
Dance in this ballroom with a lively ambiance, along with friends, family and other dancers.



Gym & Yoga Room
Exercise with various gym equipment or follow a yoga instructor through a yoga class.



Rowing
Challenge friends and family on a rowboat race, or simply venture the river.

Stay Sharp:



Therapy Train*
Benefit from virtual travel aboard the therapeutic train to increase well-being



Labyrinth*
Use aided spatial navigation while in a scenic maze to improve memory.



Music Therapy*
Indulge in music's therapeutic potential here & activate positive emotions and increase memory recall.



Savannah*
Use the biophilia hypothesis in the Savannah desert to improve emotional well-being.



Underwater*
Dive into the deep abyss of the ocean and improve your emotional well-being



Zootherapy*
Benefit from animals' cognitive, emotional, physical and psychological therapeutic benefits with Spock the dog.



Space
Enjoy a tailored zero-gravity experience unlike any other to increase mood.



Zen Garden*
Learn to relax faster to reduce stress and sadness, day and night.

***Neuroadaptive environments**

Spiritual Well-Being:



Church
Enjoy praying or listen to readings and sermons given by a priest.

Caretaker's Virtual Office:

Caretakers and users can meet in a virtual office to discuss user wellness and wellness reports. View users' level of confusion, verbal richness, energy, solitude, empathy and external activity level through time as users take part in BMU's Oasis cognitive, physical and social activities. Obtain insights into the user's wellness and tailored suggestions & planned activities for each.

User Wellness Report:



info@bmu.co

Contact

For a demonstration or any additional information, don't hesitate to reach us!

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The future of companions

- Generative intelligence can provide wrong information



Provokes critical thinking
Encourages double check
Develops user self confidence

