

# PAPERS

| ROOM         | DEC 9 – Wednesday  | DEC 10 - Thursday  | DEC 11 - Friday   |
|--------------|--|--|---|
| Amphitheater | <ul style="list-style-type: none"> <li>• Papers 6 and 37</li> <li>• Osvaldo Pessoa</li> </ul>    | <ul style="list-style-type: none"> <li>• Papers 3 and 24</li> <li>• Osvaldo Pessoa</li> </ul>    | <ul style="list-style-type: none"> <li>• Papers 54 and 59</li> <li>• Vinicius Romanini</li> </ul> |
| B2-01        | -  | <ul style="list-style-type: none"> <li>• Paper 5</li> <li>• Roseli Lopes</li> </ul>              | <ul style="list-style-type: none"> <li>• Papers 2 and 29</li> <li>• Carlos Santos</li> </ul>      |
| B2-03        | <ul style="list-style-type: none"> <li>• Papers 19 and 28</li> <li>• Felipe Pait</li> </ul>      | -  | -   |
| B2-04        | <ul style="list-style-type: none"> <li>• Papers 22 and 44</li> <li>• João Moraes</li> </ul>      | -  | -   |
| B2-05        | <ul style="list-style-type: none"> <li>• Papers 48 and 58</li> <li>• Balázs Vince</li> </ul>     | <ul style="list-style-type: none"> <li>• Paper M. Dascal Prize</li> <li>• João Moraes</li> </ul> | <ul style="list-style-type: none"> <li>• Papers 23 and 40</li> <li>• João Moraes</li> </ul>       |
| B2-06        | -  | -  | <ul style="list-style-type: none"> <li>• Paper 27</li> <li>• Marcos Barreto</li> </ul>            |
| B2-10        | <ul style="list-style-type: none"> <li>• Papers 7 and 41</li> <li>• Vinicius Romanini</li> </ul> | <ul style="list-style-type: none"> <li>• Paper 15</li> <li>• Osvaldo Guimarães</li> </ul>        | -   |
| Auditory     | <ul style="list-style-type: none"> <li>• Paper 8</li> <li>• Daniel Paiva</li> </ul>              |  | <ul style="list-style-type: none"> <li>• Invited paper</li> <li>• Osvaldo Pessoa</li> </ul>       |

All sessions – from 8:15 AM to 9:10 AM

## Invited Paper

Title – Complexity and Fragile Moral Cognition  
Author - João Fabiano

## Paper for Marcelo Dascal Prize (Portuguese)

Title - Superinteligência Artificial: Utopia Ou Distopia Tecnológica?  
Author – Pablo de Araújo Batista

Observation:

## Sessions in Portuguese – Sessões em Português

The following sessions will be in Portuguese only – As seguintes sessões serão totalmente em Português:

Dec 10 – Room B2-01, Room B2-05

Dec 11 – Room B2-05

All the other sections will be in English.

| Paper number | Title   | Authors  |
|--------------|---|--|
| 2            | Analysis Of Sample Entropy During A Resting-State EEG Recording In Alzheimer's Disease  | Vinicius Fernandes, João Sato, Lucas Trambaiolli, Renato Anghinah and André Fonseca.   |
| 3            | Logical and Philosophical Foundations of Partial Belief Models  | André Bazzoni.   |
| 5            | Análise das competências e habilidades de raciocínio lógico em um jogo de lógica nos meios físico e digital                           | Lucy Mari Tabuti, Ricardo Nakamura and Ricardo Luis De Azevedo Da Rocha.   |
| 6            | Presuppositions about the role of consciousness in the Agent Causation conception of agents and the problem of the Disappearing Agent | Beatriz Sorrentino Marques.  |
| 7            | Brain-Body-Life: Towards a panpsychist theory of embodied cognition   | Charles Borges.  |
| 8            | Integration of Fuzzy C-Means Clustering and Fast Level Set for Aerial RGB Image Segmentation  | Zhengmao Ye and Habib Mohamadian.  |
| 15           | Traders' Decision-Making Processes: Results From An Investment Simulation Monitored With An EEG                                       | Roberto Ivo Da Rocha Lima Filho.   |
| 19           | A Model for Facial Emotion Inference Based on Planar Dynamic Emotional Surfaces   | João Pedro Prospero Ruivo, Tupã Negreiros, Marcos Barreto and Bruno Tinen.   |
| 22           | Face-to-face interaction and the minimal enchronic unit   | Cacilda Vilela.  |
| 23           | A crítica de Armstrong à noção searleana de background  | Paulo Uzai.  |
| 24           | A Qualitative-Spatial Account for the Brazilian Portuguese Preposition "em"   | Edilson Rodrigues, Paulo E. Santos and Marcos Lopes.   |
| 27           | Etho-robotics - an insight  | Ágnes Urbin and Beáta Korcsok.   |
| 28           | Assessment of Fun in Interactive Systems: a Survey  | Luiz Carlos Vieira and Flavio S Correa Da Silva.   |
| 29           | A concurrent, minimalist model for an embodied nervous system   | Luciana Campos, Ronald Dickman, Frederico Graeff and Henrique Borges.  |
| 37           | Skepticism revisited: Chalmers on The Matrix and brains-in-vats   | Richard Hanley.  |
| 40           | É a consciência uma tela que vê a si mesma?   | Lucas Machado.   |
| 41           | Creativity as niche construction and some examples in theatrical dance  | Daniella de Aguiar, Pedro Atã and Joao Queiroz.  |
| 44           | Natural and Normative Dynamical Coupling  | Garri Hovhannisan and Caleb Dewey.   |
| 48           | Dynamics of Subjective Contrast in Sequential Comparison of Gabor Patches   | Bruno J. M. De Camargo and Peter M. E. Claessens.  |
| 54           | From Licklider to Cognitive Service Systems   | Walter Lima Jr. and J. Reinaldo Silva.   |
| 58           | Physiological mechanisms underlying ON and OFF visual perception in humans  | Mirella T. S. Barboni, Balázs Vince Nagy, Cristiane M. G. Martins, Tina Tsai, Francisco M. Damico, Givago S. Souza, Marcelo F. Costa, Luiz C. L. Silveira, Jan Kremers, Dora F. Ventura. |
| 59           | The Revisionist Strategy in Cognitive Science   | Samuel Bellini Leite.  |

# POSTERS

All sessions  
from 8:15 AM  
to 9:10 AM  
Dec 9 to 11

| Poster number | Title  | Authors   |
|---------------|--|---|
| 1             | Application of Support Vector Machines for adulteration detection of bovine milk   | Wesley Becari, Gabriel Durante, Henrique E. M. Peres and Francisco Javier Ramirez-Fernandez.          |
| 9             | Repetition Probability Modulates Repetition Suppression without Perceptual Awareness   | Leonardo S Barbosa and Sid Kouider.   |
| 10            | A modelagem multiagente como metodologia de estudos de fenômenos sociais   | Denis James Pereira and Leonardo Lana De Carvalho.  |
| 12            | Ethanol Fuel Analysis Using Artificial Neural Networks   | Daniel Rodrigues, Wesley Becari, Alexandre Neto, Péricles Oliveira, William Silva and Henrique Peres. |
| 13            | Information and Complexity in the Study of Cognition   | Mariana Vitti-Rodrigues.  |
| 14            | An Event-Related Analysis Of The Traders Decision-Making By Using ICA  | Marcelo Taddeo and Roberto Ivo Da Rocha Lima Filho.   |
| 16            | What can a drone operators' PTSD tell us about embodied and extended mind?   | Marek Vanzura.  |
| 18            | The relation between James and Damasio: the body loop of emotions and feelings   | Luiz Augusto Rosa.  |
| 20            | Gain Control at the First Visual Synapse   | Kae Leopoldo, Diego Decleva, Maarten Kamermans and Christina Joselevitch.                             |
| 21            | Phineas Gage and ADHA. Some related aspects.   | Ana Gomes and Joao Fernando Marar.  |
| 25            | Integration of the basal ganglia connectivity and structural information to enhance the default mode network detection perturbed by motion artifacts | Aura Forero.  |
| 26            | Behavior Analysis and Neuroscience: Exploring frontiers for a new neuroscientific model  | Ricardo Tiosso, Marcelo Benvenuti and Christina Joselevitch.  |
| 31            | Pointing gesture for communication between robots  | Wallas Pereira, Angelo Loula and Joao Queiroz.  |
| 32            | Long-term time perception: A Pilot Study   | Camila Agostino and Yossi Zana.   |
| 33            | E-picturebooks and Cognitive Niche Construction  | Thales Estefani, Pedro Atã and João Queiroz.  |
| 34            | Computational tool for structural analysis of concept maps for assessing mappers proficiency   | José F. Santos Neto and Paulo R. M. Correia.  |
| 35            | Modeling the body temperature regulating system through artificial neural networks   | Lucas A. Caetano, Reginaldo Júnior Palazzo and Nelson Afonso Lutaif                                   |
| 36            | Emergence of Bodily Gestural Communication among Robots  | Maria Alice Leal and Angelo Loula.  |
| 38            | The Persistence of Mental Representation and the different levels of representation  | Rogerio S. Teza.  |

| Poster number | Title   | Authors  |
|---------------|---|--|
| 39            | Sentimental analysis of social network messages: Twitter Data Mining  | Ariana Moura Da Silva and Ricardo Luis De Azevedo Da Rocha   |
| 42            | Proprioceptive-visual integration and situated embodied cognition: A developmental perspective                          | Edison De Jesus Manoel, Pedro F.V. Felicio, Roberto Gimenez, Cristiane Makida, Rafael Do Nascimento Soares and Alessandro Freitas. |
| 43            | Society semantics as the logic of quasi-truth   | Luiz Henrique Da Cruz Silvestrini  |
| 45            | Monism of Triple Aspect a proper concept to sustain the ontology of the nature of mind-body in Meditation               | Edilene De Souza Leite.  |
| 46            | Self-organization and circular causality: where are we going with neo-mechanicism?                                      | Mariana Matulovic and Maria Eunice Gonzalez.   |
| 47            | A non-linguistic analysis of information: the possibility of other forms of expression of thoughts                      | Amanda Veloso Garcia.  |
| 49            | Synchronization, self-organization and creative action: new horizons in cognitive science studies                       | Renata Souza.  |
| 50            | A software platform for adaptive systems modelling and simulation, with application to the study of cognitive processes | Ian Oliveira and Joao Eduardo Kogler Junior.   |
| 51            | The Consciousness Concept as Pattern Recognition  | Gilberto De Paiva  |
| 52            | Essay on the description of human behavior in engineering research projects   | Diego Queiroz and Ricardo Luis De Azevedo Da Rocha   |
| 53            | Learning and perception of causality  | Peter Maurice Erna Claessens, Victor Gregório De Queiroz Lima and Manasses P. Nóbrega.   |
| 55            | Moral action and complexity: An essay on human morality based on self-organization theory                               | Josiane Gomes de Oliveira and Sílvia Helena Guttier Faria.   |
| 56            | Possible solutions to the mind-body problem: Nagel and Searle   | Luana Camila Marques and Juciane Terezinha Do Prado.   |
| 57            | What we're made: An analysis of the relevance of the body in cognitive processes  | Nathália C. A. Pantaleão and Franciele Da Silva Leal.  |

**Extra Poster (Portuguese)**

Title - Auto-organização e autonomia: princípios básicos na caracterização de saúde mental

Author - Daniel Luporini