



GAME, DRAMA, RITUAL IN MARTIAL ARTS AND COMBAT SPORTS

PROCEEDINGS OF THE 1ST IMACSSS
INTERNATIONAL CONFERENCE

Genoa, Italy
8th - 10th June, 2012

Scientific Editors Sergio Raimondo, Carlos Gutiérrez-García, Mikel Pérez-Gutiérrez



SPORT &
SICUREZZA

TOSHIBA
Transmission & Distribution Europe

Game, Drama, Ritual in Martial Arts and Combat Sports

Proceedings of the 1st IMACSSS International Conference

Genoa - Italy

8th – 10th June, 2012

General presentation

The International Martial Arts and Combat Sports Scientific Society (IMACSSS), the Unione Italiana Sportper tutti Area Discipline Orientali (UISP ADO), and the Laboratorio di Ricerca Sociale - Dipartimento di Scienze Umane, Sociali e della Salute Università di Cassino, Italy, propose the **1st IMACSSS International Scientific Conference** with a focus on *Game, Drama, Ritual in Martial Arts and Combat Sports*. The Conference will take place from 8 - 10 June 2012 in Genova, Italy.

The organizers firmly believe that this initiative will provide a valuable opportunity to promote, enlarge, and strengthen the scientific community developed around the investigation of martial arts and combat sports (MA&CS). The central focus of the Conference will be the scientific interpretation of the fundamental connections among socio-cultural categories of game, drama and ritual in the context of MA&CS. These modes of interaction can be found in all kinds of sports, but, in the specific context of MA&CS, they are even richer in socio-cultural meanings than in the context of other physical activities. In fact, the analysis of these behavioral genres also applies to research in very different fields ranging from religious studies to medicine, from expressive culture to applied studies.

The Conference also will be the inaugural event of an interactive show, to be held in the same venue throughout June 2012. The show will be dedicated to the famous French painter and judoka Yves Klein, on the occasion of the fiftieth anniversary of his death.

Topics

- Bio Physical Topic
- Bio Technical and Bio Tactical Topics
- Pedagogical Topic
- Philosophical, Anthropological and Taxonomy Topics
- Psychological Topic
- Sociological and Historical Topics

Organizing Committee

- Filippo Fossati (*Unione Italiana Sportpertutti*) – **President**
- Franco Biavati (*Unione Italiana Sportpertutti*)
- Luca Borzani (*Palazzo Ducale Fondazione per la Cultura Genova*)
- Sergio Maifredi (*Teatri Possibili*)
- Alessandro Ribolini (*Unione Italiana Sportpertutti*)
- Manlio Comotto (*Unione Italiana Sportpertutti*)
- Giuseppe Tesini (*Unione Italiana Sportpertutti*)
- Sergio Raimondo (*Unione Italiana Sportpertutti*)

Scientific Committee

- Prof. Dr. Wojciech Jan Cynarski (*University of Rzeszow – Poland*) – **President**
- Prof. Dr. David Brown (*Cardiff Metropolitan University – UK*)
- Prof. Dr. Michel Calmet (*Université Montpellier I – France*)
- Prof. Dr. Raquel Escobar Molina (*University of Granada – Spain*)
- Prof. Dr. Abel A. Figueiredo (*Polytechnic Institute of Viseu – Portugal*)
- Prof. Dr. Emerson Franchini (*University of São Paulo – Brazil*)
- Prof. Dr. Thomas Green (*Texas A & M University – USA*)
- Prof. Dr. Carlos Gutiérrez Garcia (*University of León – Spain*)
- Prof. Dr. Keith R. Kernspecht (*National Sports University – Bulgaria*)
- Dr. Sergio Maifredi (*Teatri Possibili – Italy*)
- Prof. Dr. Willy Pieter (*Keimyung University – Korea*)
- Prof. Dr. Nicola Porro (*University of Cassino – Italy*)
- Prof. Dr. Sergio Raimondo (*Unione Italiana Sportpertutti / University of Cassino – Italy*)
- Prof. Dr. Zdenko Reguli (*Masaryk University – Czech Republic*)
- Prof. Dr. Lauro Rossi (*Lancillotto e Nausica. Critica e storia dello sport – Italy*)
- Prof. Dr. Fumiaki Shishida (*Waseda University – Japan*)
- Prof. Giuseppe Tesini (*Unione Italiana Sportpertutti – Italy*)
- Prof. Dr. Marc Theeboom (*Vrije Universiteit Brussel – Belgium*)
- Prof. Dr. Xiong Xiaozheng (*Beijing Sport University – China*)
- Prof. Dr. Zhang Guodong (*Southwest University – China*)

Editorial Patronage

- *Archives of Budo* (Poland) (www.archbudo.com)
- *Electronic Journals of Martial Arts and Sciences* (Canada) (<http://ejmas.com>)
- *Ido Movement for Culture. Journal of Martial Arts Anthropology* (Poland) (www.idokan.pl/index.php)
- *International Journal of Wrestling Science* (USA) (<http://inwr-wrestling.com/international-journal-of-wrestling-science/>)
- *Journal of Asian Martial Arts* (USA) (<http://journalofasianmartialarts.com>)
- *Journal of Chinese Martial Studies* (China) (<http://www.martialstudies.com.hk>)
- *Journal of Sport Sciences and Medicine – Combat Sports Special Issues* (Turkey) (<http://jssm.org/combat.php>)
- *Lancillotto e Nausica, Critica e storia dello sport* (Italia) (www.lancillottoenausica.it)
- *Revista de Artes Marciales Asiáticas* (Spain) (www.revistadeartesmarciales.com)

CONTENTS

EDITORIAL.....	11
KEYNOTES.....	13
Porro, Nicola	
<i>Sport and globalization after the Western hegemony.....</i>	<i>15</i>
Tokitsu, Kenji	
<i>Games, sports, martial arts or Budo.....</i>	<i>17</i>
Xiong, Xiaozheng	
<i>From Fighting Skill to Martial Arts Culture: The evolution of Ancient Chinese Martial Arts.....</i>	<i>18</i>
BIO PHYSICAL TOPIC.....	19
Boostani, Mohammad Ali; Khodabakhsh, Rashid and Boostani, Mohammad Hassan	
<i>Taekwondo exercise influence on a place to T3, T4 and TSH in young Taekwondo athletes.....</i>	<i>21</i>
Boostani, Mohammad Ali; Rezaei, Ali Mohammad and Boostani, Mohammad Hassan	
<i>Type, incidence and causes of injuries in elective karate national team competition for dispatch to Asian karate championship in China 2011.....</i>	<i>23</i>
Boostani, Mohammad Hassan; Khodabakhsh, Rashid and Boostani, Mohammad Ali	
<i>A study of acute responses of Cortisol and Immunoglobulin A serum to session of a single session exercise in two time of day in male elite karate athletes.....</i>	<i>25</i>
Boostani, Mohammad Hassan; Khodabakhsh, Rashid and Boostani, Mohammad Ali	
<i>Acute response of testosterone, cortisol, and testosterone to cortisol ratio of serum to the exercise of a karate session in elite karate athletes.....</i>	<i>27</i>
Escobar-Molina, Raquel; Huertas, JR; Gutiérrez-García, Carlos; Carratalá Deval, Vicente and Franchini, Emerson	
<i>Special Judo Fitness Test performance of junior and senior judo athletes from the Spanish Judo Team.....</i>	<i>29</i>
Hazar, Fatih	
<i>Relationship of Leg Muscular Power and Agility Performance in Elite Judokas.....</i>	<i>31</i>
Hazar, Fatih	
<i>The Upper Body Power, Abdominal and Grip Strength of Wrestlers Aged 13 Years.....</i>	<i>33</i>
Pieter, Willy and Bercades, Luigi T.	
<i>Maturity of Young Taekwondo Athletes: Implications for Competition.....</i>	<i>35</i>
Pocecco, E.; Faulhaber, M.; Franchini, Emerson and Burtscher, M.	
<i>Aerobic Power in Child, Cadet and Senior Judo Athletes.....</i>	<i>37</i>
San Juan, Reylin K. and Pieter, Willy	
<i>Competition Injuries in Young Judo Athletes.....</i>	<i>39</i>
Stanković, Nemanja; Nurkić, Mirsad; Todorov, Ivan; Milošević, Nikola and Bratić, Milovan	
<i>Effects of training in preparation period measured by Special Judo Fitness Test.....</i>	<i>41</i>
BIO TECHNICAL AND BIO TACTICAL TOPICS.....	43
Aschieri, Pierluigi; Lino, Andrea and Gallamini, Michele	
<i>Balance and martial arts – instrumental evaluation.....</i>	<i>45</i>
Estevan, Isaac; Jandacka, Daniel and Falco, Coral	
<i>Reaction and execution time analysis in the roundhouse kick according to different limits.....</i>	<i>47</i>
Falco, Coral¹; Estevan, Isaac; Alvarez, Octavio and Molina-Garcia, Javier	
<i>Force and response time based on execution distance.....</i>	<i>49</i>
Landeo, Raúl; Estevan, Isaac; Falco, Coral and Lee, Kwee Yum	
<i>Is kicking a proximal to distal motion pattern.....</i>	<i>51</i>

Menescardi, Cristina; Bermejo, José Luis; Falco, Coral; Landeo, Raúl and Estevan, Isaac <i>Match analysis in a university taekwondo championship.....</i>	53
Miarka, Bianca; Julio, Ursula F.; Calmet, Michel and Franchini, Emerson <i>Analysis of grip control time in male judo athletes from different groups.....</i>	55
Timmi, Alessandro; Pennestrì, Ettore; Valentini, Pier Paolo and Aschieri, Pierluigi <i>Biomechanical analysis of karate techniques based on the evaluation of the body kinetic energy from 3D MOCAP data.....</i>	57
Vences Brito, António M.; Branco, Marco A.C.; Fernandes, Renato; Fernandes, Orlando; Bento-Alves, João <i>An exploratory study in neuromuscular control and coordination of the Karaté frontal kick – Mae Geri.....</i>	59
PEDAGOGICAL TOPIC.....	61
Happ, Sigrid <i>The relevance of the two-fighters-relation – an educational point of view</i>	63
Jakhel, Rudolf <i>A direct approach to sports karate training: an outline.....</i>	64
Lykkegaard, Martin <i>Martial arts as an educational subject for Danish teachers of physical education – from the point of Didaktik... 66</i>	66
Pimentel Gomes; Mariana Simões; Avelar Rosa, Bruno; Gavião de Almeida, José Júlio; Figueiredo, Abel A. and Terrisse, André <i>Martial arts & combat sports in physical education and sport sciences degrees: comparative study of Brazil, France, Portugal and Spain</i>	68
Pimentel Gomes; Mariana Simões; Avelar Rosa, Bruno; Pereira Morato, Márcio; Gavião de Almeida, José Júlio; Figueiredo, Abel A. and Terrisse, André <i>Teaching Combat Sports: New Possibilities in the Learning Process.....</i>	69
Vertonghen, Jikkemien and Theeboom, Marc <i>Type of guidance in martial arts: analysing different teaching approaches used by martial arts teachers.....</i>	70
Vít, Michal; Reguli, Zdenko and Chvátalová, Jitka <i>Ethics of Scenario Training in Self-Defence Class</i>	72
PHILOSOPHICAL, ANTHROPOLOGICAL AND TAXONOMY TOPICS	75
Aschieri, Pierluigi <i>Theory of systems and models of performance</i>	77
Figueiredo, Abel A. <i>Mesoscopic model for institutional analysis of martial arts and combat sports contexts</i>	79
Green, Thomas A. <i>The Liangquan of Plum Blossom Boxing: Form and Functions.....</i>	82
Zhang, Guodong, and Li, Yun <i>Cultural performances and significant expression: The “Liangquan” ritual of rural communities in northern China</i>	84
Miracle, Jared <i>Voodoo and Pugilism at the Crossroads.....</i>	86
Reguli, Zdenko; Vít, Michal and Chvátalová, Jitka <i>Sacralization of Fight</i>	87
Ryan, Michael J. <i>“The Stick is Most Sacred. It Shows that a Man has been Taught Right from Wrong”: The role of materiality in the subject formation of Venezuelan stick fighters.....</i>	89
Yu, Jong-Hoon; Cynarski, Wojciech J. and Konukman, Ferman <i>Action Research in Martial Arts</i>	91
PSYCHOLOGICAL TOPIC	93
Babiloni, Claudio; Del Percio, Claudio; Marzano, Nicola; Infarinato, Francesco, Aschieri, Pierluigi and Limatola, Cristina <i>Measuring neural basis of cognitive motor functions in elite athletes: is there a “neural efficiency”?</i>	95
Boostani, Mohammad Ali; Rezaei, Ali Mohammad and Boostani, Mohammad Hassan <i>A Comparison of some Psychological Skills among Elite Karate Male Athletes in the Iran National Team.....</i>	97

Chvátalová, Jitka; Nejedlá, Lenka and Reguli, Zdenko	
<i>Analysis of Irish dancers' and karate practitioners' attitude to Irish dance and karate</i>	99
Magnani Branco, Braulio Henrique; Vidal Andreato, Leonardo, Miarka, Bianca, Ferreira Marinho, Bruno and Franchini, Emerson	
<i>Blood lactate, heart rate and subjective perception of exertion during judo combats</i>	101
Meyer, M.J. and Kuhn, P.	
<i>Motives for Shotokan karate participation</i>	103
Moayyed, Tooraj; Boostani, Mohammad Hassan and Boostani, Mohammad Ali	
<i>Investigation and comparing aggression in athletes in non- contact (gymnastic), limited contact (karate) and contactable (kung fu) sport fields</i>	105
Moayyed, Tooraj; Boostani, Mohammad Hassan and Boostani, Mohammad Ali	
<i>Psychological guidelines for improve performance elite karate athletes in the competitions</i>	107
Prette, Giulia	
<i>Gatka: the dance of the swords and the dance of life</i>	108
SOCIOLOGICAL AND HISTORICAL TOPICS	111
Aceti, Monica and Loudcher, Jean-François	
<i>Analysis of feminine roles in classical sport combat and martial arts movies: spectators, moderate actresses and superwoman</i>	113
Zhang, Aihong	
<i>A Comparative Study of Artistic Heritage of Sword Skill in China and Western Countries</i>	115
Carvalho-Iwanaga, Carla and Moreira Antunes, Marcelo	
<i>Characteristics of students of martial arts in Rio de Janeiro, Brazil</i>	116
Cynarski, Wojciech J.	
<i>Jujutsu yesterday and today. From the research on institutionalization of martial arts</i>	118
Cynarski, Wojciech J.; Litwiniuk, Artur; Kubala, Krzysztof; Zeng, Howard Z.; Yu, Jong-Hoon; Slopecki, Jan; Bielec, Grzegorz and Vít, Michal	
<i>Chosen aspects of lifestyle of students practicing martial arts</i>	120
Gianni, Tommaso E.	
<i>Tang Hao and his quest for the origins of a tradition.</i>	122
Gutiérrez-García, Carlos, Pérez-Gutiérrez, Mikel, Svinth, Joseph, Green, Thomas A.	
<i>Key events in the construction of Asian Martial Arts social imaginary in the West</i>	124
Julio, Ursula F.; Panissa, Valéria L. G.; Miarka, Bianca; Takito, Monica Y. and Franchini, Emerson	
<i>Home advantage in judo: study on the World ranking list</i>	126
Li, Yun & Green, Thomas A.	
<i>The Mei Boxing Apprentice Ceremony: A Symbolic Interpretation of a Martial Rite of Passage</i>	128
Miarka, Bianca; da Conceição, Rosangela A.; Calmet, Michel and Franchini, Emerson	
<i>Challenging stereotypes: The introduction of BRAZILIAN Jiu Jitsu learning in Abu DHaBi</i>	130
Miarka, Bianca; Franchini, Emerson; Calmet, Michel and Bastos Marques, Juliana	
<i>From housewife to fighter: the history of women's judo through Black belt magazine (1961-1988)</i>	132
Moreira Antunes, Marcelo and Gavião de Almeida, José Júlio	
<i>The practice of wushu in Brazil by disabled people</i>	134
Nakajima, Tetsuya	
<i>The Formation of Randori practice in Jujutsu: An analysis of Jujutsu treatises in the Tokugawa era</i>	136
Ollier, Emmanuelle	
<i>Yves Klein and the poetic quest of the pictorial space. Kata as support of esthetic sensitive experience of the creator's emptiness</i>	137
Pérez-Gutiérrez, Mikel; Gutiérrez-García, Carlos and Álvarez del Palacio, Eduardo	
<i>An annotated bibliography about Asian martial arts monographs published in Spain (1906-2009)</i>	139
Raimondo, Sergio and Coccia, Gioele	
<i>Martial Arts and Contemporary Dance. Rhythmic Convergences of the human body</i>	141
Sánchez García, Raúl	
<i>"Kano's unintended consequences": judo and the transformation of Japanese martial traditions.</i>	143
Shishida, Fumiaki	
<i>"Judo principle" and "Kendo principle": Jigoro Kano's ideas and Kenji Tomiki's theoretical development</i>	145

Tai, Kentaro

How Japanese Budo is a form of physical arts?: The Establishment of the Concept of Martial Arts in the Japanese Early Modern 147

Theeboom, Marc and Vertonghen, Jikkemien

Is there a need for a specific martial arts and combat sports policy? The case of Flanders..... 148

Yuasa, Yukiko

The Atemi in the jujutsu for medical applications: Focusing on Tenjin-shinyo-ryu 149

AUTHORS INDEX151

Gutiérrez-García, Carlos¹, Pérez-Gutiérrez, Mikel¹, Svinth, Joseph², Green, Thomas A.³

¹ University of León (Spain). ² Electronic Journals of Martial Arts and Sciences (Canada). ³ Texas A&M University (USA).

Phone: 0034987293058; E-mail: carlos.gutierrez@unileon.es

KEY EVENTS IN THE CONSTRUCTION OF ASIAN MARTIAL ARTS SOCIAL IMAGINARY IN THE WEST

Keywords: Images, China, Japan, war, counterculture

Problem identification

Asian martial arts (AMA) are nowadays complex, diverse, popular, and globalized cultural products. Every AMA has unique features depending on various factors such as cultural origin, social uses, historical evolution or intercultural exchange processes (see Green & Svinth, 2010). Nevertheless, while the particularities of each AMA style are usually known to experts and practitioners, popular knowledge about AMA is generally made up of more comprehensive, simple, and superficial images. This contribution aims at analyzing the key historical moments when AMA social imaginary was built in the West.

Methodology

We used Charles Taylor's (2004: 23) broad concept of social imaginary as cognitive schemas shared by ordinary people: "the ways people imagine their social existence, how they fit together with others, how things go on between them and their fellows, the expectations that are normally met, and the deeper normative notions and images that underlie these expectations". Historical studies about AMA in the West and broader studies about intercultural relations between East and West were reviewed to locate key moments for the creation and evolution of AMA imaginary. Particularly, attention was paid to socio-political circumstances framing AMA impact in Western societies.

Results and discussion

Two key events were identified. The first one was linked with Japan's rise as an international military power, in the 1890's and 1900's. Japanese MA, especially jujutsu/judo, resumed the images of traditional and modern Japan (samurai and soldier). They were perceived as advanced means for self-defense, physical and moral education, and also as modern sports. Manly attributes such as strength, practical intelligence, discipline, courage, honor or integrity, were enhanced to form the image of the "educated loyal soldier" MA practitioner. Later on, these images permeated and evolved in different degrees and rhythms to most new AMA imported to the West (e.g., Karate, Taekwondo, Muay Thai). AMA ulterior sportification processes, MA films or AMA military training were important factors for the permanence and evolution of this first AMA social imaginary.

The second key event in the construction of AMA social imaginary in the West was linked with the New Age countercultural movement of the second half of the 20th century. New Age movement maintains that "inner spirituality –embedded within the self and the natural order as a whole– serves as the key to moving from all that is wrong with life to all that is right" (Heelas, 1996:16). Although India was an important inspiration in New Age movement they were not its MA but yoga the most prominent Indian physical practice imported in the West. However, Chinese MA such as Tai Chi attracted New Agers and were covered with New Age philosophy. The popularization of Zen philosophy also played an important role in enhancing AMA spirituality. Thus, AMA social imaginary incorporated these New Age images of

relaxation, inner harmony, softness and holistic health and worldview –as the image of an elderly person practicing Tai Chi under a tree shows.

Conclusion

Japanese rise as an international military power and the New Age countercultural movement were identified as the key events in the construction of Asian Martial Arts social imaginary in the West. While “Japanese model” created images of AMA as means for self-defense, physical and moral education, and modern sports practice, “New Age model” created images of AMA as means for achieving holistic health and harmony with the self and with the nature/universe. Both models coexist and influence each other nowadays.

References

- Green, T.A. & Svinth, J.R. [eds.]. 2010. *Martial Arts of the World. An Encyclopedia of History and Innovation*. Santa Barbara – California: ABC-CLIO.
- Heelas, P. 1996. *The New Age movement: the celebration of the self and the sacralization of modernity*. Oxford: Blackwell.
- Taylor, C. 2004. *Modern Social Imaginaries*. Durham: Duke University Press.