



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



Laboratorio di ricerca sociale
Università di Cassino



Game, Drama, Ritual in Martial Arts and Combat Sports

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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

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- *Journal of Chinese Martial Studies* (China) (<http://www.martialstudies.com.hk>)
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- *Lancillotto e Nausica, Critica e storia dello sport* (Italia) (www.lancillottoenausica.it)
- *Revista de Artes Marciales Asiáticas* (Spain) (www.revistadeartesmarciales.com)

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AN ANNOTATED BIBLIOGRAPHY ABOUT ASIAN MARTIAL ARTS MONOGRAPHS PUBLISHED IN SPAIN (1906-2009)

Keywords: books, description, indexing, classification, abstracting

Introduction

After presenting and discussing the process of constructing and organizing a provisional bibliography about Asian martial arts books published in Spain (Pérez-Gutiérrez & Gutiérrez-García, 2007, 2008, 2011), the present contribution describes the entire process of preparation of the first annotated bibliography about Asian martial arts monographs published in Spain. This bibliography is aimed at being a primary source of information for martial arts, sports and cultural researchers. It also provides a support for the discussion of the historical and/or sociocultural development of Asian martial arts at the international level. It is expected to be a useful tool for researchers of martial arts, and also for those working on martial arts bibliographies in other countries.

Methodology

Two phases were developed for the preparation of the bibliography. In phase one, a) Theoretical background and field of study were defined; b) References were extracted from secondary sources such as library databases, then verified and collected. This phase resulted in a provisional bibliography. In phase two; c) Monographs were described, classified, indexed and abstracted (informative-indicative abstract) by direct observation of each monograph. This phase resulted in the definitive annotated bibliography. International bibliographic rules were carefully followed for the description and analysis of each monograph and for the organization and presentation of the bibliography.

Results

The first annotated bibliography about Asian martial arts monographs consisted of 1,564 monographs and 2,403 total reprints. Only 2.8 percent (43) of the monographs were not directly consulted due to their limited distribution and antiquity. The bibliography was divided into seventeen categories and forty subcategories. Countries of origin (e.g. China, Japan) and several wider topics studying martial arts (e.g., cinema, education, dictionaries) were criteria for classifying monographs in categories. Subcategories were obtained from the different martial arts or disciplines within each category (e.g., Judo, Taijiquan). The number of references included in each category and subcategory varied significantly. Each bibliographic reference included the following elements: author, year, title and subtitle, place of publication, publisher, pages, illustrations, size, ISBN, reprints (edition and year). Keywords and abstract were added below the bibliographic reference for presenting the whole information together. References were alphabetically ordered by author's surname (as presented in the monograph) and, if necessary, by year and title. In addition, Lamarca Langa's criteria (2002) were followed for the final presentation of the bibliography, including an introduction explaining the topic, scope, objectives, methodology and sources utilized as well as authors and keywords indexes.

Discussion

There are a scarce number of martial arts bibliographies at the international level. These compilations vary significantly regarding their date of publication (from 1943 to 2011), field of study (e.g. judo, karate or self-defence), scope (e.g. books, journals or films), time limits, inclusion criteria (subjective or objective) or type of bibliography (descriptive or annotated). The present annotated bibliography depicts a high level of specialization in comparison with the analyzed works, performing a comprehensive documentary analysis of the monographs, with a retrospective approach and objective inclusion criteria.

Conclusion

The preparation of the first annotated bibliography about Asian martial arts monographs bridges the gap in this field of study in Spain detailing over a century of history. It is expected to be a useful tool for researchers of martial arts. Future research lines may be focused on bibliometric and/or content analyses, the development of similar works in other countries and comparative studies as a result.

References

- Lamarca Langa, G. (2002). Bibliografía: historia y teoría. In J. López Yepes (Ed.), *Manual de Ciencias de la Documentación* (pp. 75-92). Madrid: Pirámide.
- Pérez-Gutiérrez, M., & Gutiérrez-García, C. (2007). "Estudo Exploratório das Monografias sobre Artes Marciais em Espanha (1906-2006)". Actas del Congresso Científico de Artes Marciais e Desportos de Combate. Viseu: Instituto Politécnico de Viseu, April, 13-14th 2007.
- Pérez-Gutiérrez, M., & Gutiérrez-García, C. (2008). *100 años de artes marciales: repertorio bibliográfico de monografías publicadas en España (1906-2006)*. León: Secretariado de Publicaciones de la Universidad de León.
- Pérez-Gutiérrez, M., & Gutiérrez-García, C. (2011). Description of the methodology used for the preparation of an annotated bibliography about Asian martial arts monographs. In W. J. Cynarski (Ed.), *Selected areas of intercultural dialogue in martial arts* (pp. 110-122). Rzeszow: Wydawnictwo uniwersytetu Rzeszowskiego.