

Criteria for Abstract Submission
in the 10th Thailand National Sports University International Conference
Theme: Thailand National Sports University and Innovation Development for Sport Industry
19-21 June 2021
at Ambassador City Jomtien, Pattaya

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Rationale

In 2019 the status of Institute of Physical Education was uplifted to become “Thailand National Sports University” due to the Thailand National Sports University Act B.E.2562 and became effective on 23 May 2019. With reference to the Article 8 in the Act, Thailand National Sports University is set up to be the higher educational and professional institution specialized in sports and aims to educate people, provide academic and professional promotion, do teaching, do research and development, offer academic and professional services to the society, preserve arts and culture in order to construct body of knowledge in sports, physical education, health promotion, sports science, sports administration, sports business and industry, and related fields; moreover, it is to become the source of producing and developing sports personnel for the country. As a result, Thailand National Sports University is considered a specialized university focusing on education for the students with sports talents both in the basic education and the higher education levels. Its major missions are similar to ordinary universities’ including teaching and learning management, doing research, offering academic services to the society, and preserving arts and culture.

The National Strategy (2018-2037) is the country’s first national long-term strategy developed pursuant to the Constitution. The Strategy for Human Capital Development and Strengthening aims to develop Thai people of all ages in a multidimensional manner to become good, skillful, and quality citizens, and is concerned with educational and sports development of Thailand National Sports University. The related points are all about strengthening capacity of sports to generate social values and promote national development by (1) promoting exercise and basic sports as lifestyles; (2) encouraging the public to participate in physical and recreational activities; (3) promoting sports as a career option; and (4) developing sporting and recreational personnel to accommodate growth in the sport industry. In addition, Master Plan under the National Strategy (2018-2037) indicates that research and innovation development is the significant factor to drive and support all strategies for development such as National Competitiveness Enhancement, Human Capital Development and Strengthening, Eco-Friendly Development and Growth, Public Sector Rebalancing and Development in order to serve the country vision as stipulated in the National Strategy, “to become a developed country with security, prosperity and sustainability in accordance with the Sufficiency Economy Philosophy” with the goals of constructing and collecting up-to-date knowledge for development to become the country with the research and innovation knowledge based society and economic system.

Accordingly, Thailand National Sports University pays its strong attention to utilize the innovation for development in sports, physical education, health promotion, sports science, sports administration, sports business and industry, and related fields so that it will be able to keep up with the world’s situations by using innovation to develop sport industry bringing about benefits of the society and the country.

The international conference is considered the platform for teachers, researchers, academics, students, and interested people to disseminate and exchange knowledge and experience in sports, physical education, health promotion, sports science, sports administration, sports business and industry, and related fields. This international conference was first held in 2010 and has been

continuously organized till its ninth edition last year. All the success of the conference has been acknowledged and many leading academics all over the world have participated in the conference to present their research, academic works, and innovations for profession enhancement and a variety of solutions for any problems in the country and overseas.

In conclusion, Thailand National Sports University has agreed to arrange the 10th Thailand National Sports University International Conference in 2021 on the theme of “**Thailand National Sports University and Innovation Development for Sport Industry**” for teachers, researchers, students and interested people in Thailand and foreign countries to disseminate and exchange knowledge and research experience in sports, physical education, health promotion, sports science, sports administration, sports business and industry, and related fields.

Objectives

1. To disseminate research and academic works of teachers, researchers, students and interested people in Thailand and foreign countries in fields of sports, physical education, health promotion, sports science, sports administration, sports business and industry, and related fields

2. To exchange knowledge and create cooperation networks in research and academic works in fields of sports, physical education, health promotion, sports science, sports administration, sports business and industry, and related fields among teachers, researchers, students and interested people in Thailand and foreign countries

3. To be a platform for presentation of research and academic works in fields of sports, physical education, health promotion, sports science, sports administration, sports business and industry, and related fields among teachers, researchers, students and interested people in Thailand and foreign countries

4. To heighten research and academic works in fields of sports, physical education, health promotion, sports science, sports administration, sports business and industry, and related fields to meet the standard so as to become acknowledged nationwide and worldwide.

Format of Abstract

1. The length of submitted abstract shall be at least 200 words but not over 400 words. The language used in the submitted abstract shall be grammatically correct.

2. The submitted abstract shall be typed with the program “Microsoft Word”.

3. The font type used in the submitted abstract is Time New Roman.

4. The fonts in the research title shall be capitalized or typed in the uppercase with the size of 14 point, bold and set at the center of the page.

5. The fonts in the research contents shall be typed in the lowercase with the size of 12 point.

6. The submitted abstract shall cover research objectives, methodology, results and conclusion.

7. The author’s names shall be typed below the research title with the size of 10 point on the right margin of the page without the name titles and positions. In case of more than one author from different organizations or universities, please type the powered number after their last names and put asterisk (*) after the presenter’s last name.

8. The name of organization or university shall be typed with the size of 10 point on the right margin of the page. In case of more than one author from different organizations or universities, please type the powered number before the names of organizations or universities in the particular order of author’s names. (In case of the authors from the same organization or university, it does not need the powered number.)

9. The keywords in the submitted abstract shall be set up with three to five words.

10. The corresponding author shall be typed only one name below the keywords with the size of 10 point and consists of his or her first name, last name, faculty, university, email address and country.

Page Layout

1. The page of the paper must be in A4 size in the Portrait Orientation
2. The top margin must be set at 1 inch or 2.54 cm.
3. The bottom margin must be set at 1 inch or 2.54 cm.
4. The left margin must be set at 1 inch or 2.54 cm.
5. The right margin must be set at 1 inch or 2.54 cm.

Channel of Abstract Submission via the website: www.tnsuconference.com

Abstract Submission Schedules

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| 1. Abstract Submission | 1 November 2020 – 10 January 2021 |
| 2. Notification of Abstract Acceptance | 20 January 2021 |

Remarks: Attached is the example of typed abstract.

-ABSTRACT GUIDELINE-

EFFECTS OF RESISTANCE TRAINING COMBINED WITH PLYOMETRIC AND SPECIFIC MOVEMENT ON AGILITY AND LEG MUSCLE POWER IN MALE BADMINTON PLAYERS

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Abstract

The objectives of this research were to study and compare the results of the agility and leg muscle power among three sample groups. In the pre-training period and post-training (after the fourth week and the sixth week), the sample group consisting of 21 students who are badminton players from the Faculty of Sports Science were assigned for the agility test. The participants were divided into three groups: seven students in each one using the randomly assignment method. The first group applied resistance training combined with specific movement, the second group applied resistance training combined with plyometric, and the third group applied resistance training combined with plyometric and specific movement. Each group was trained twice a week for six weeks. Before and after the training in the fourth week and after the training in the sixth week, there would be a testing for agility and leg muscle power. The result was analyzed by three methods: finding the average deviation, one-way analysis of variance (ANOVA), and repeated measures ANOVA. The difference between each average in pair was calculated by using the Least Significant Difference (LSD) method.

The result shows that the average agility and leg muscle power between each sample group is not significantly different at .05. However, the average agility between all groups before and after the training in the fourth week and after the training in the sixth week is significantly different at .05. In conclusion, all the three training methods enhance agility after the training in the fourth week and the sixth week.

Keywords: Resistance Training, Plyometric, Specific Movement, Agility, Muscle Power

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