



INTERNATIONAL NETWORK OF WRESTLING RESEARCHERS (INWR)

ADVANCING OUR SPORT THROUGH KNOWLEDGE

FAIRE PROGRESSER NOTRE SPORT PAR LA CONNAISSANCE

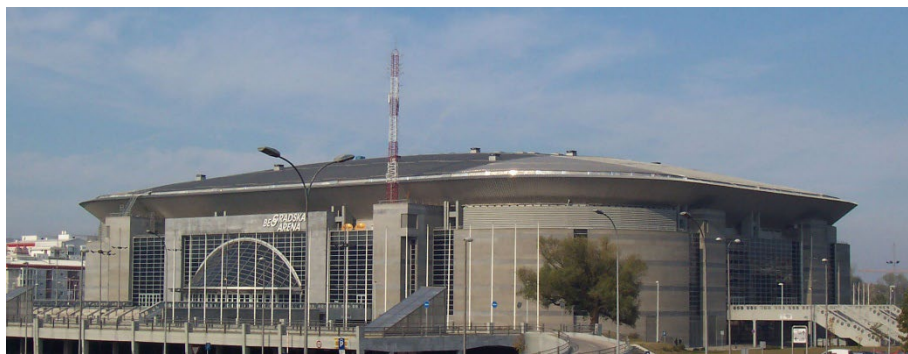
ПРОДВИЖЕНИЕ НАШЕГО СПОРТА ЧЕРЕЗ ЗНАНИЕ

PROGRESO PARA NUESTRO DEPORTE MEDIANTE CONOCIMIENTO

FIRST ANNOUNCEMENT OF SCIENTIFIC SYMPOSIUM AT THE 2023 SENIOR WORLD CHAMPIONSHIPS IN BELGRADE

The International Network of Wrestling Researchers (INWR) will again coordinate a Scientific Symposium at the 2023 World Wrestling Championships in Belgrade, Serbia. Working with the Serbian Wrestling Federation and the Scientific Commission of United World Wrestling, the symposium is entitled, *“Using Sport Science to Help Wrestlers and Coaches.”*

It will be held on Wednesday, **20.09.2023.** – The UWW Scientific Symposium program will run from **9:00 AM to 1:00 PM** and consist of keynote lectures of 35 minutes, mini-lectures of 20 minutes each, and abstract presentations of 10 minutes.



Lecture Room/Venue: **Stark Arena**

Arrangements:

The Wrestling Federation of Serbia and the Organizers of the World Championships will provide accommodation and food for all participants in the Scientific Symposium, from the period 18.09.-21.09.2023 (a total of 3 full-board meals). The price of the three-day arrangement will be **330 Euros** (110 Euros per day). This price includes: transportation from the airport to the hotel, transportation from the hotel to the conference hall, transportation from the hall to the hotel, transportation from the hotel to the airport, accommodation in double rooms with meals (breakfast, lunch, dinner), tickets for watching matches at the championship for September 19 and 20, 2023.

The deadline for applications for the UWW Scientific Symposium participants is August 15, 2023.

Register at: SRB@uww.org

Here is the schedule:

1. 18.09.2023. - Arrival of UWW Scientific Symposium participants in the afternoon,
2. 19.09.2023. - Attending semi-final and final matches at the World Championship (FS-WW) /17.00-21.00
3. 20.09.2023. - UWW Scientific Symposium – 09.00-13.00.
4. 20.09.2023. - Attending semi-final and final matches at the World Championship (WW) /17.00-21.00
5. 21.09.2023. – Leave for home / leaving the hotel rooms by 10.00

Rules for Submission of Abstracts

- 1) All authors must approve the submitted abstract.
 - 2) The final acceptance decision is the exclusive right of the INWR.
 - 3) The primary focus and substance of the submitted abstract/case must be novel. The abstract must not have been published as an abstract or as a full paper in a scientific, medical, or professional publication at the time of submission. Abstract data may not be presented prior to the Scientific Symposium.
 - 4) Human studies must comply with either the ACSM Policy Statement Regarding the Use of Human Subjects and Informed Consent (1998), or the Declaration of Helsinki Ethical Principles for Medical Research Involving Human Subjects (Edinburgh, Scotland, October 2000).
 - 5) To ensure consistency and clarity, it is directed that authors utilize the units of measurement of the Systeme International de'Unite (SI).
 - 6) Senior researchers and clinicians may be affiliated with or have financial interest in commercial entities that may have a bearing on the subject matter of an abstract presentation. The prospective audience must be made aware of the affiliation/financial interest by an acknowledgment in the final program. This Statement of Disclosure is listed at the end of the abstract.
 - 7) Abstract submissions are only being accepted electronically and must be submitted no later than August 15, 2023 to Dr. David Curby at: davcurb@gmail.com
 - 8) You will be notified electronically of the acceptance/rejection of your abstract by August 22, 2023.
 - 9) Please indicate in your email whether or not you will be in attendance.
- There will be Awards for the Best Young Researcher.
 - All accepted papers will be published in the International Journal of Wrestling Science.
 - Authors will **NOT** be required to be present in Belgrade to have their abstract accepted.
 - Nonconforming abstracts will be rejected.
 - Papers and Abstracts accepted through **August 15, 2023**.

Sample Abstract:

BIOMECHANICAL PROTOCOL TO ASSIST THE TRAINING OF THE ARM-THROW WRESTLING TECHNIQUE

Ioannis Barbas¹, Nicolas Aggeloussis¹, Boris Podlivaev², Yuri Shakhmuradov², Bahman Mirzaei³, Harold Tunnemann⁴, Stefan Kazarian⁵

¹Democritus University of Thrace, Komotini, Greece

²Russian State University of Physical Education, Sport and Tourism, Moscow, Russia

³University of Guilan, Rasht, Iran ⁴FILA Competency Center ⁵FILA Technical Department

ABSTRACT

PURPOSE: This study presents an example of the quantitative contribution of modern sport biomechanics to the training of a competitive wrestling technique, specifically the arm throw in young wrestlers. **METHODS:** Two experienced wrestlers who had been training for 10 y participated as subjects. The kinematic waveforms were recorded for all body segments using an optoelectronic system with six infrared cameras. The recordings were made in 5 different successful trials of the execution of the arm throw. Besides the waveforms, the coefficients of multiple correlations were calculated as measures of each waveform's variability. **RESULTS:** showed that typical repetitive joint angle waveforms exist in specific joints of the body - the torso, the pelvis and the lower limbs.

However, the respective waveforms for the upper limbs showed a very large variability (CMCs<.085).

CONCLUSIONS: It was found, that biomechanical analysis may be a very useful tool for quantifying information on the execution of a complex wrestling technique, such as the arm-throw. Problematic areas for this technique were specific to the arms. This information can assist the coach in making the adjustments needed to improve the athlete's technique and performance.