

Announcement of Scientific Symposium at the 2022 Senior World Championships in Belgrade



INTERNATIONAL NETWORK OF WRESTLING RESEARCHERS (INWR)

ADVANCING OUR SPORT THROUGH KNOWLEDGE

FAIRE PROGRESSER NOTRE SPORT PAR LA CONNAISSANCE

ПРОДВИЖЕНИЕ НАШЕГО СПОРТА ЧЕРЕЗ ЗНАНИЕ

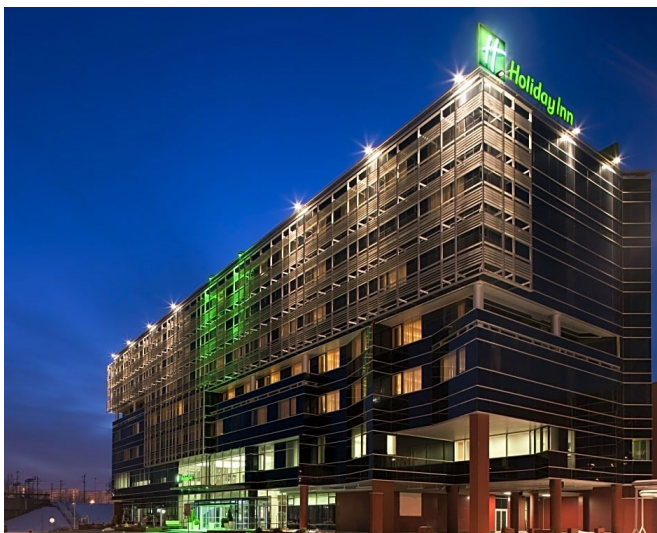
PROGRESO PARA NUESTRO DEPORTE MEDIANTE CONOCIMIENTO

The International Network of Wrestling Researchers (INWR) will again coordinate a Scientific Symposium at the 2022 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 the Scientific Foundations of Olympic Wrestling to Advance Our Sport.”*

It will be held on Wednesday, **September 14th** at the Holiday Inn Belgrade. The program will run from **9:00 AM to 1:00 PM** and consist of three keynote lectures, 4 mini-lectures of 20 minutes each, and abstract presentations.



One of the keynote lectures will be the Rayko Petrov Honor Lecture for 2022 will be presented by **Professor Bahman Mirzaei**. He is a member of the UWW Scientific Commission; Director of physical preparation and conditioning for the Iranian Wrestling Federation; Secretary of INWR; and Director of the physical education and sport sciences Department at the University of Guilan. His lecture will be entitled: *Challenges Confronting the Preparation and Performance of Elite Wrestlers.*



Lecture Room/Venue: Holiday Inn in Belgrade
Suggested Hotel: Holiday Inn in Belgrade (The hotel is located 500 meters from the competition hall-Stark Arena, Bulevar Arsenija Čarnojevića 58 11070 Belgrade)

Holiday Inn
Španskih boraca No. 74, 11 000 Belgrade
Tel. +381 11 31 00 000

www.ihg.com/holidayinn/hotels/gb/en/belgrade

Abstracts accepted through **August 31, 2022**. While there will be a viewing time with authors present, authors will **NOT** be required to be present in Belgrade to have their abstract accepted.

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 31, 2022 to Dr. David Curby at: davcurb@gmail.com
- 8) You will be notified electronically of the acceptance/rejection of your abstract by September 1, 2022.
- 9) Please indicate in your email whether or not you will be in attendance.

Nonconforming abstracts will be rejected.

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

nagelous@phyed.duth.gr

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.

