



CONFERENCE ON SCIENCE AND MEDICINE IN AQUATIC SPORTS, CROATIA, SPLIT, 2022

Scientific conference of Croatian Water polo Federation  
and Faculty of Kinesiology Split

## “2<sup>nd</sup> INTERNATIONAL CONFERENCE ON SCIENCE AND MEDICINE IN AQUATIC SPORTS (SMAS)”

19<sup>th</sup> – 22<sup>nd</sup> September 2023, Split – Croatia  
Radisson Blu Resort & Spa, Put Trstenika 19.

### CONFERENCE PROGRAMME

20 <sup>th</sup> September 2023, Wednesday		
8:30 – 9:30	Registration	
9:30 – 11:00	Oral Sessions	<b>Session 1</b>
		<b>Pivalica:</b> Femoroacetabular Impingement Syndrome Therapy and Rehabilitation
		<b>Mijović:</b> Differences in Anthropometric Characteristics and Recovery Time in Physically Active and Inactive Students
		<b>Bandalović:</b> Surgical Repair of Acute Distal Biceps Tendon Rupture: Our Experience with Emphasis on Sailing Injuries
		<b>Kaliterna:</b> Scoliosis
		<b>Pivalica:</b> Knee Injuries in Waterpolo
		<b>Jukić:</b> complex regional pain syndrome (crps)
<b>Chair by Rajković Vuletić</b>		
11:00 – 11:30	Break	
11:30 – 13:00	Invited Speeches	<b>I. Borić:</b> Diagnostics of Injuries in Water Sports
		<b>J. Duke:</b> Respiratory Muscle Function and Fatiguability in Apnea Diving – A Perspective
		<b>I. Drviš:</b>
		<b>Chair by Pivalica</b>
13:00 - 14:00	Break	
14:00 – 15:30	Oral Session	<b>Session 2</b>
		<b>Ivišić:</b> Comparison Between General Population and Breath Hold Athletes in BIG FIVE Personality Traits
		<b>Vrdoljak:</b> Differences Between Freediving Disciplines in Local Muscle Oxygenation, Heart Rate and Blood Parameters
		<b>Propadalo:</b> Anthropometric Differences Between Freedivers and Spearfisherman
		<b>Cota:</b> Motor Control Differences Between Freedivers and Spearfisherman
		<b>Pisac:</b> Differences Between Diving Variables of Amateur Spearfishing and Freediving Activity
		<b>Vitturi:</b> Epidemiology of Injuries in 49er Sailing Class
<b>Chair by Foretić</b>		
15:30 – 16:00	Break	
16:00 – 17:15	Session 3	

	<b>Oral Session</b>	<b>Gilić:</b> Pulmonary Function Parameters in Relation to Specific and Generic Aerobic Muscle Capacities in Recreational and Disabled Post-COVID-19 Swimmers
		<b>Škomrlj:</b> Race-Induced Changes in Some of the Blood Markers in Young Male Rowers
		<b>Škomrlj:</b> Body Mass and Lower Body Strength are Associated with Performance of the Wingate Rowing Test in Female College Students
		<b>Kuko:</b> Dynamic Responses of Salivary Cortisol and A-Amylase Enzyme to Rowing 6000m Race Performed on Ergometer
		<b>Levačić:</b> Health Issues and Prevention in Channel Swimming: Qualitative Study
		<b>Perić:</b> Gender Differences in Improving Balance on Aquatic Fitness Floating Mat
<b>Chair by Pavlinović</b>		

21 <sup>st</sup> September 2023, Thursday		
8:30 – 9:30	<b>Registration</b>	
9:30 – 11:00	<b>Oral Sessions</b>	<b>Session 1</b>
		<b>Kuko:</b> Different Influence of Strength and Power Training on a Performance at 2000m Rowing Ergometer Test. What Should Come First?
		<b>Vlakić:</b> Differences in Motor and Functional Abilities and Morphological Characteristics in Young Water Polo Players and Swimmers
		<b>Perić:</b> Quality of Life and Fatigue in Post-Covid-19 Adults With Disabilities Included in the Swimming Practice
		<b>Bavčević:</b> Prevalence of Self-Estimated Functional Inability in Senior Water Polo Players
		<b>Lulić Drenjak:</b> Prediction of Senior-Age Competitive Level on The Basis of Junior-Ae Anthropometric Status; 10-Year Prospective Study in Male Water Polo Players
		<b>Ivišić:</b> Does Sport-Specific Water Polo Polygon Correlate With The Golden Standard of Anaerobic Test?
<b>Chair by Perić</b>		
11:00 – 11:30	<b>Break</b>	
11:30 – 13:30	<b>Invited Speeches</b>	<b>K. Šiljeg:</b> How to Develop Swimmers from Beginning to the Greatest Senior Level
		<b>P. Mikulić:</b> Long-Term Physiological and Performance Follow-Up of Olympic Champion Rowers
		<b>T. Franić:</b> How to Assess Mental Health in Athletes – The Role and Problems of Assessment and Screening Tools
		<b>Chair by Veršić</b>
13:30 - 15:00	<b>Break</b>	
15:00 – 16:30	<b>Oral Session</b>	<b>Session 2</b>
		<b>Rajković Vuletić:</b> Differences in Motivation for Exercise Between Male and Female High School Students
		<b>Tomaj:</b> Differences in The Motivation for Exercise of Wheelchair Basketball Players After Spinal Injury
		<b>Dukarić:</b> Comparison Between Croatian Sambo Representatives' and Recreational Soccer Players' Exercise Addiction
		<b>Maleš:</b> Monitoring Sleep, Wellness, and Training Load in Recreational Crossfit Athletes.
		<b>Maleš:</b> Heart Rate and Lactate Concentration During Amateur Boxing Matches –A Brief Review

		Chair by Prlenda
16:30 – 17:00	Break	
17:00 – 18:30	Poster Sessions	<b>Miletić:</b> Metric Characteristics of The Adriatic Zone Dances
		<b>Hraste:</b> Experts' Opinions on The Changes to the Water Polo Rules: Analysis in Latent Space
		<b>Šitić:</b> The TEOSQ Questionnaire for Target Motivational Orientation in Young Swimmers and Gender Differences
		<b>Damjan:</b> The Influence of Coordination Training on Specific Abilities and Knowledge of Youth Soccer Players
		<b>Šilić:</b> Playing Position Differences in The Parameters Of Anthropometry and Sport Specific Motor Tests in Young Water Polo Players
		<b>Škorić:</b> Entrepreneurial Project for Development of Sailing Services
		<b>Zoretić:</b> Awareness of The Importance of The Competence of Movement in the Water of Respondents of Different Professions
		<b>Sedlar:</b> Interests and Barriers of Elementary School Children to Rowing
		<b>Perzel:</b> Trend Analysis of The Development of Male Para Swimmers Sport Classes 'S9' in Front Crawl Stroke Disciplines in the World From 2010 To 2019
		<b>Šiljeg:</b> Trend Analysis of the Development of Male Swimmers in Front Crawl Disciplines at the National Championships
<b>Šiljeg:</b> Analysis of Trend Development of Results in Dolphin Technique Disciplines for Female Swimmers at the World and National Championships in the Period from 2006 to 2022		

## PARTNERI

