



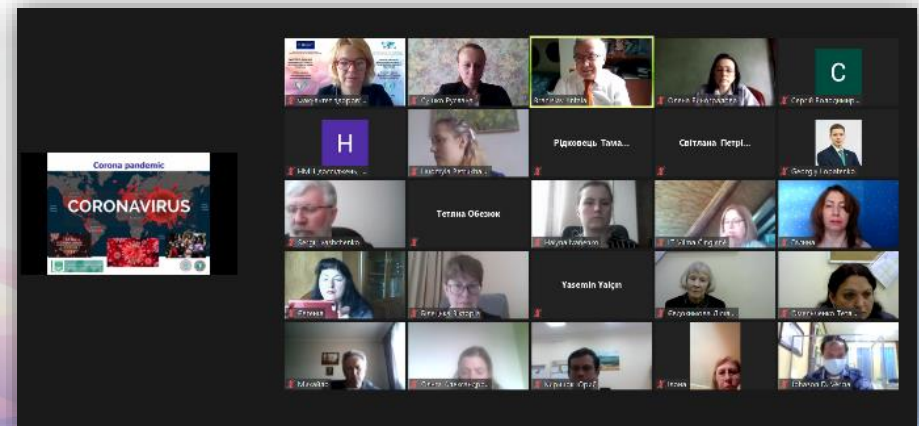
Science Festival – 2021:
3rd International Scientific and Practical Online Conference
«HEALTH, PHYSICAL EDUCATION AND SPORT:
PERSPECTIVES AND BEST PRACTICES»

3rd International Scientific and Practical Online Conference «Health, Physical Education and Sport: Perspectives and Best Practices» was held as Borys Grinchenko Kyiv University’s Science Festival – 2021 event on 12-13 May, 2021.

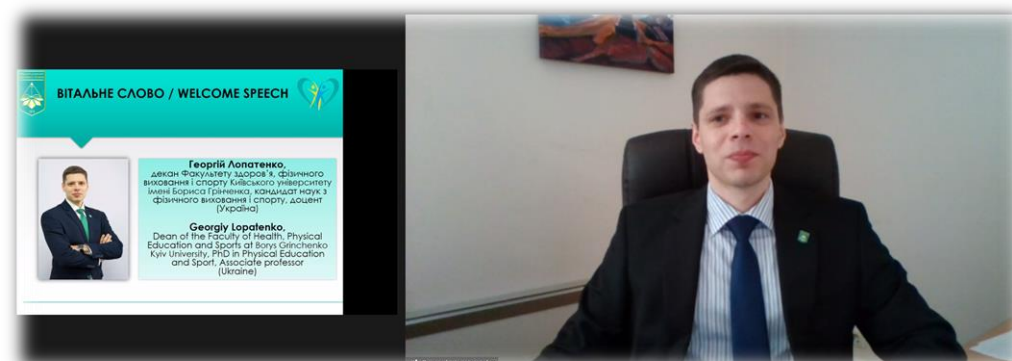
The main purpose of the conference is to create platform for researchers, scientists and experts from different countries to share experiences, find effective approaches to the application of modern health technologies, innovative practices in sports and physical education.

Since the beginning of 2020, the world has been suffering from the COVID-19 coronavirus pandemic, which has significantly changed people's lives, negatively affected most industries, including education and sports, and posed serious challenges to the health sector. Not coincidentally, among the main topics discussed by the participants of the plenary and sectional sessions were the impact of the COVID-19 pandemic on physical education at school, active leisure of people, sports in general. The conference program also includes traditional topics related to the training of athletes in Olympic sports, physical education of various groups, modern fitness technologies, physical therapy and ergotherapy.

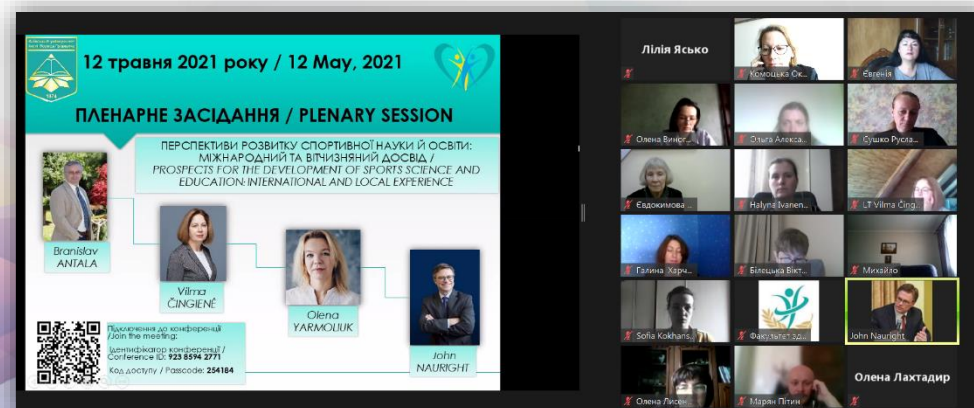
More than 100 representatives of higher and secondary education institutions from 10 countries (Ukraine, Slovak Republic, Republic of Lithuania, India, Republic of Turkey, Republic of Ireland, Republic of Slovenia, Romania, Togo, USA) attended the conference.



Welcome speech presented by Prof. *Branislav Antala*, FIEP Europe President, FIEP World International Vice-President, Member of International Council of Sport Science and Physical Education Development Committee, Head of Department of Sport Sciences in Educology and Humanities at Comenius University in Bratislava (Slovak Republic) and Dr *Georgiy Lopatenko*, Dean of the Faculty of Health, Physical Education and Sports at Borys Grinchenko Kyiv University, PhD in Physical Education and Sport (Ukraine).

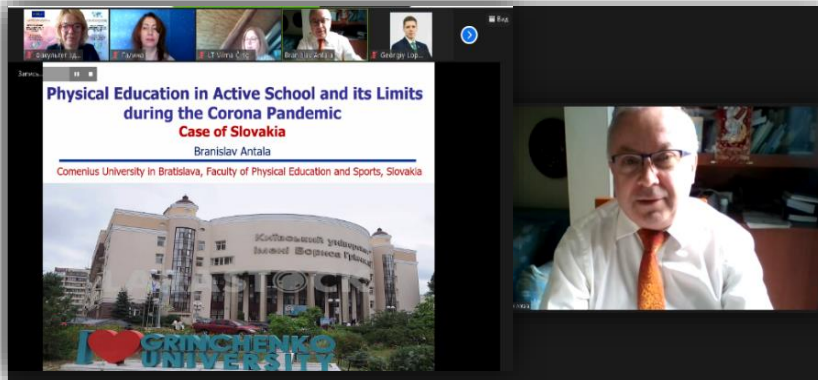


12 May, 2021 Plenary Session «PROSPECTS FOR THE DEVELOPMENT OF SPORTS SCIENCE AND EDUCATION: INTERNATIONAL AND LOCAL EXPERIENCE» included keynote speakers:



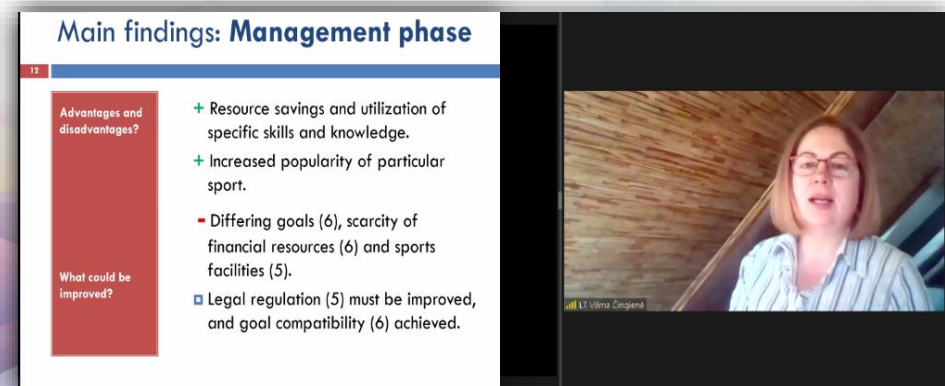
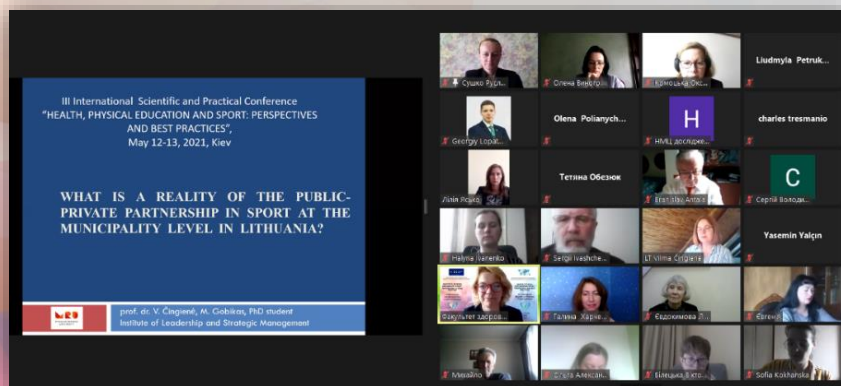
- **Physical Education in Active School and Its Limits during the Corona Pandemic – Case of Slovakia**

Prof. *Branislav Antala*, head of Department of Sport Sciences in Educology and Humanities, Comenius University in Bratislava, Doctor of Sciences (Slovak Republic)



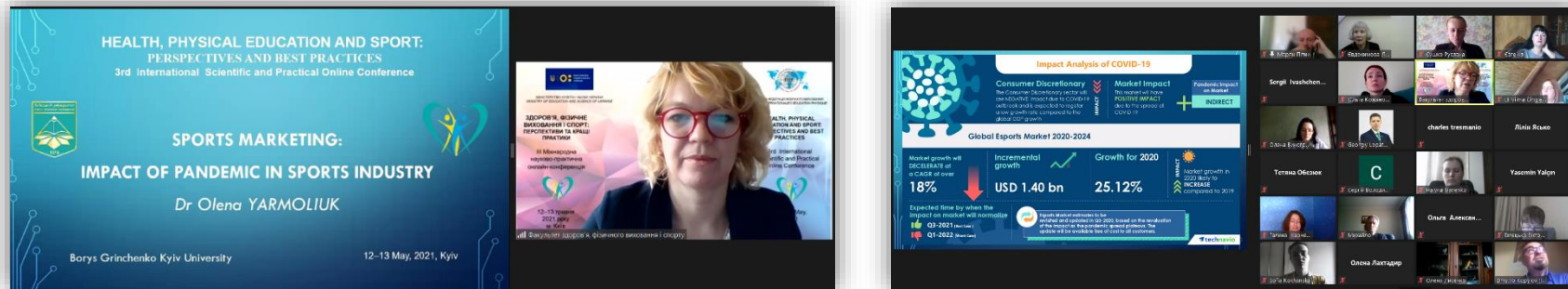
- **What is a Reality of Public-Private Partnership Process in Sport at Municipality Level in Lithuania?**

Prof. *Vilma Čingienė*, Institute of Leadership and Strategic Management, Mykolas Romeris University, Doctor of Sciences, *Mindaugas Gobikas*, PhD student, Institute of Leadership and Strategic Management, Mykolas Romeris University (Republic of Lithuania)



- **Sports Marketing: Impact of Pandemic in Sports Industry**

Dr Olena Yarmoliuk, Vice-Dean in Science and Management of International Projects of the Faculty of Health, Physical Education and Sports at Borys Grinchenko Kyiv University, Candidate of Sciences in Physical Education and Sports, Associate Professor (Ukraine)

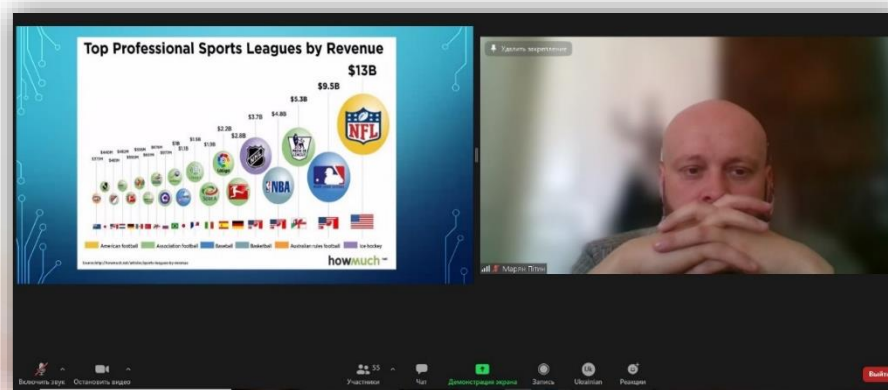


- **Uncertain Futures for Local and Global Sport in the 2020s.**

Prof. John Nauright, Dean of the Richard J. Bolte , Sr. School of Business at Mount St. Mary’s University in Maryland; Dean of the Stephen Poorman College of Business, Information Systems, and Human Services; Director of the Clearfield Campus; Professor of Sport Management at Lock Haven University in Pennsylvania, Doctor of Sciences (USA)



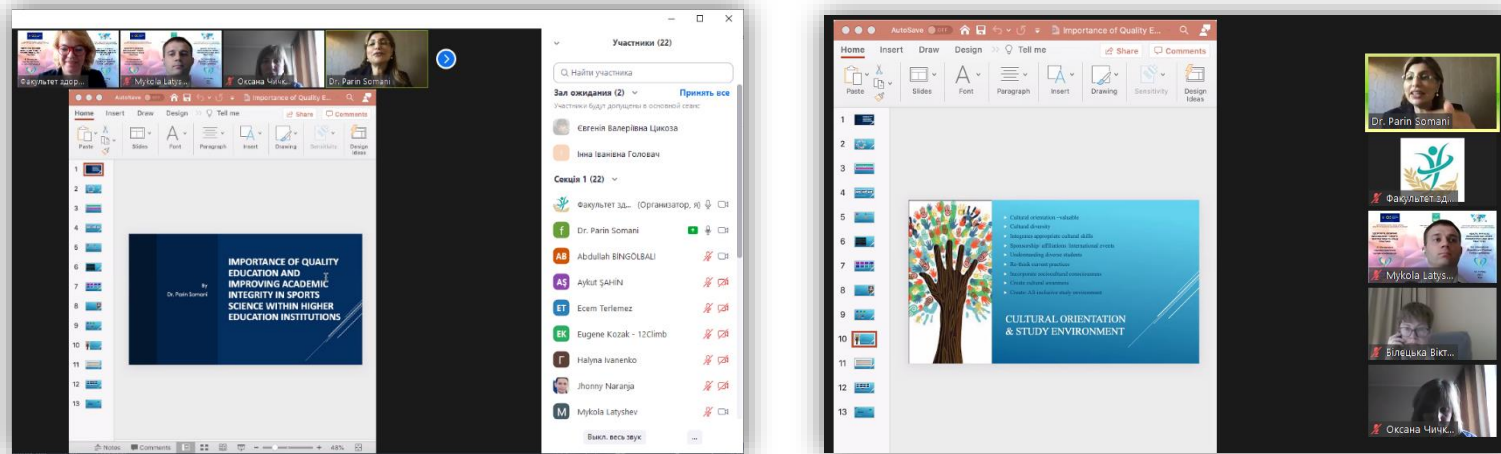
More than 60 academicians and practitioners from different countries took part in the discussion after the presentations, including Dr *Zineb Jibraili*, Associate Professor at Department of Economics and Business ENCGJ Business School (Morocco), Dr *Jewelson M. Santos*, lecturer at Sukhothai Thammathirat Open University (Thailand), Dr *Derbal Fethi*, Associate Professor at Mohamed Budiaf Oran University of Science and Technology (Algeria), *Sheryl T. Arcilla*, teacher at Tarlac National High School (Philippines), representatives from Ukrainian educational institutions, including Lviv State University of Physical Culture named after Ivan Bobersky (Lviv), National University on Physical Education and Sport of Ukraine (Kyiv), Prydniprovaska State Academy of Physical Culture and Sports (Dnipro), Kharkiv State Academy of Physical Culture (Kharkiv), National Technical University "KPI" named after Igor Sikorsky (Kyiv), National Pedagogical University named after M.P. Dragomanova (Kyiv), Melitopol State Pedagogical University named after Bohdan Khmelnytsky (Dnipro), PE teachers from secondary schools and members from sports federations.



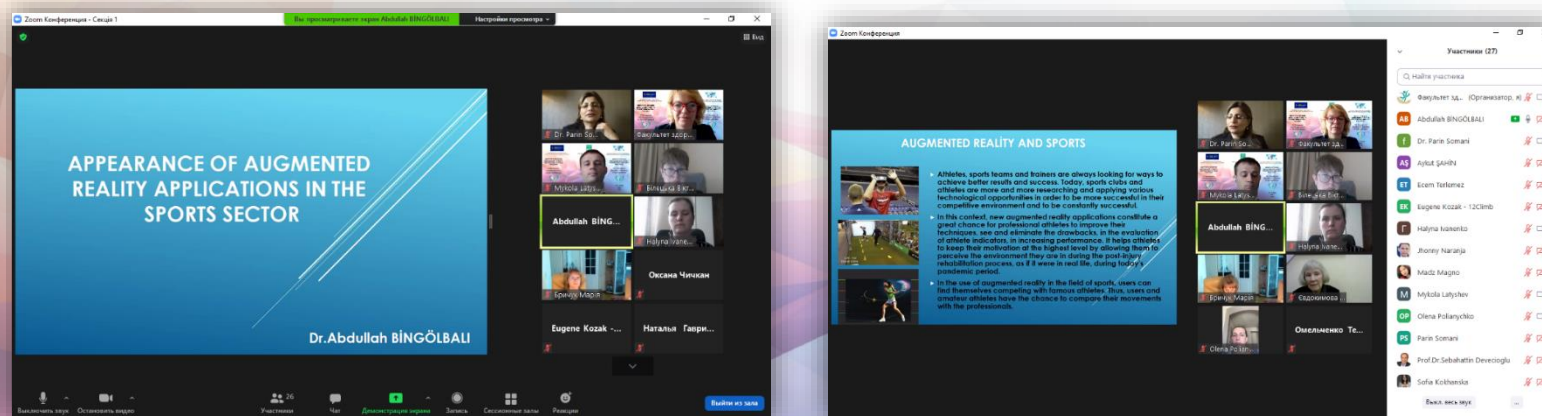
The conference was continued with two sessions.

Session 1 «PHILOSOPHICAL, ORGANIZATIONAL AND SOCIO-ECONOMIC ASPECTS OF PHYSICAL CULTURE AND SPORTS» (moderator: Dr *Mykola LATYSHEV*, Associate professor at the Physical Education and Pedagogy of Sport Department of the Faculty of Health Physical Education and Sports at Borys Grinchenko Kyiv University) included eight presentations:

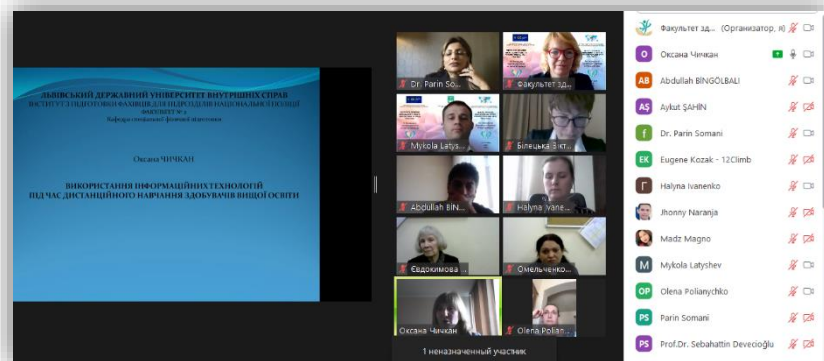
1. Importance of Quality Education and Improving Academic Integrity in Sports Science Within Higher Education Institutions (speaker – Dr Parin Somani, Independent Academic Scholar, Gujarat University (India)).



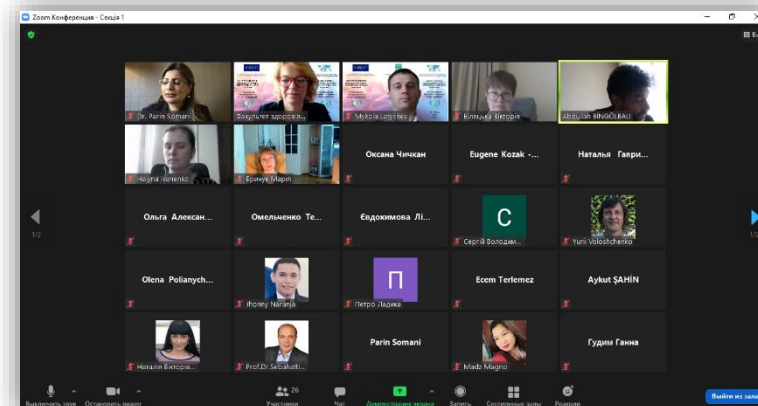
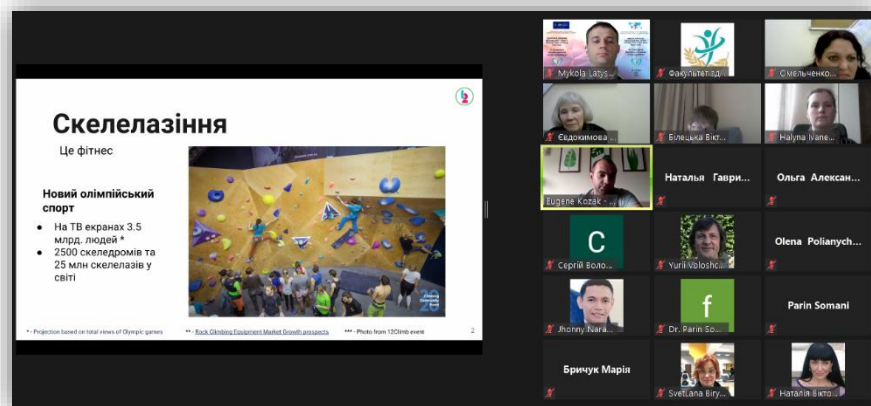
2. Appearance of Increased Reality Applications in the Sports Sector (speaker – Dr Abdullah Bingölbalı, Elaziğ National Education Directorate (Republic of Turkey)).



- The use of information technology upon distance learning of students** (speaker – Dr *Oksana Chychkan*, Associate Professor of the Special Physical Training Department at Lviv State University of Internal Affairs (Ukraine)).



- Modern methods of analysis and forecasting in wrestling** (speaker – Dr *Mykola Latyshev*, Associate Professor of the Physical Education and Pedagogy of Sport Department at Borys Grinchenko Kyiv University (Ukraine)).
- The effectiveness of distance learning at the National University on Physical Education and Sport of Ukraine** (speaker – Dr *Mariia Brychuk*, lecturer of the Theory and Methods of Physical Education Department at National University on Physical Education and Sport of Ukraine (Ukraine)).
- Remoted team management during the pandemic** (speaker – Dr *Svitlana Biryuchinskaya*, lecturer of the Sports and Fitness Department at Borys Grinchenko Kyiv University (Ukraine)).
- The use of interactive learning technologies in the implementation of Olympic education in the educational process of students** (speaker – *Halina Ivanenko*, Lecturer of the Sports and Fitness Department at Borys Grinchenko Kyiv University (Ukraine)).
- Interactive climbing walls for the development of climbing in educational institutions** (speaker – *Yevhenii Kozak*, director of "Interactive Rock" (Ukraine)).



The section discussion was attended by about 30 delegates who talked about urgent aspects of education and academic integrity in different countries, the use of information technology in distance learning at universities, technological innovations, including the use of increased reality applications in sports, interactive sports facilities etc.

Session 2 «MEDICAL-BIOLOGICAL, PHYSIOLOGICAL, PSYCHOLOGICAL ASPECTS OF ATHLETES' TRAINING» (moderator: Dr *Ruslana Sushko*, professor of the Physical Education and Pedagogy of Sport Department of the Faculty of Health Physical Education and Sports at Borys Grinchenko Kyiv University) included nine presentations:

Секція 2 «Медико-біологічні, фізіологічні, психологічні аспекти підготовки спортсменів»

Руслана СУШКО,
професор кафедри фізичного виховання і педагогіки спорту Факультету здоров'я, фізичного виховання і спорту Київського університету імені Бориса Грінченка, доктор наук з фізичного виховання і спорту, доцент

Session 2 "**Medical-Biological, Physiological, Psychological Aspects of Athletes' Training**"

Ruslana Sushko,
professor of Physical Education and Pedagogy of Sport Department at the Faculty of Health, Physical Education and Sports, PhD in Physical Education and Sport



1. **The relationship between neurodynamic and cognitive functions of athletes engaged in various martial arts** (speaker – Prof. *Georgiy Korobejnikov*, head of the Martial Arts and Power Sports Department at National University on Physical Education and Sport of Ukraine (Ukraine).

Зв'язок нейродинамічних та когнітивних функцій у спортсменів, які займаються різними єдиноборствами

Коробейніков Георгій Валерійович, доктор біологічних наук, професор, членкор. УАН, академик АВШУ, заслужений діяч науки і освіти України
Завідувач кафедри спортивних єдиноборств та силових видів спорту, Національний університет фізичного виховання і спорту України
Керівник комплексної наукової групи національних збірних команд України з греко-римської, вільної та жіночої боротьби.
E-mail: k.georgiy65@gmail.com

Невербальний інтелект (швидкість сприйняття)

Показники	Борці (n=28)	Дзюдоїсти (n=34)	Боксери (n=23)
Продуктивність, ум.од.	22,45	20,21	21,51
Швидкість, ум.од.	20,51; 24,43	18,37; 22,82	17,13; 25,63
Точність, ум.од.	11,68	10,98	10,29*
Ефективність, ум.од.	9,73; 14,58	9,04; 13,61	8,53; 11,97
Точність, ум.од.	0,73	0,67	0,71
Ефективність, ум.од.	0,69; 0,88	0,60; 0,73	0,57; 0,83
Ефективність, ум.од.	48,89	38,89*	46,59**
ум.од.	40,82; 60,73	30,43; 48,89	25,97; 65,97

* p<0,05 – порівняно із борцями;
** p<0,05 – порівняно із дзюдоїстами.

2. **The structure of functional training of high-class female athletes as a factor in ensuring competitive activities in female's boxing** (speaker – Prof. *Olena Lysenko*, Professor of the Physical Rehabilitation and Biokinesiology Department at Borys Grinchenko Kyiv University (Ukraine).

III Міжнародна науково-практична онлайн-конференція
12-13 травня 2021 року м. Київ

ЗДОРОВ'Я, ФІЗИЧНЕ ВИХОВАННЯ І СПОРТ: ПЕРСПЕКТИВИ ТА КРАЩІ ПРАКТИКИ

СТРУКТУРА ФУНКЦІОНАЛЬНОЇ ПІДГОТОВЛЕНОСТІ СПОРТСМЕНІВ ВИСОКОГО КЛАСУ ЯК ФАКТОР ЗАБЕЗПЕЧЕННЯ ЗМАГАЛЬНОЇ ДІЯЛЬНОСТІ В ЖІНОЧОМУ БОКСІ

Лисенко Олена, доктор біологічних наук, професор
Гасанова Саїда

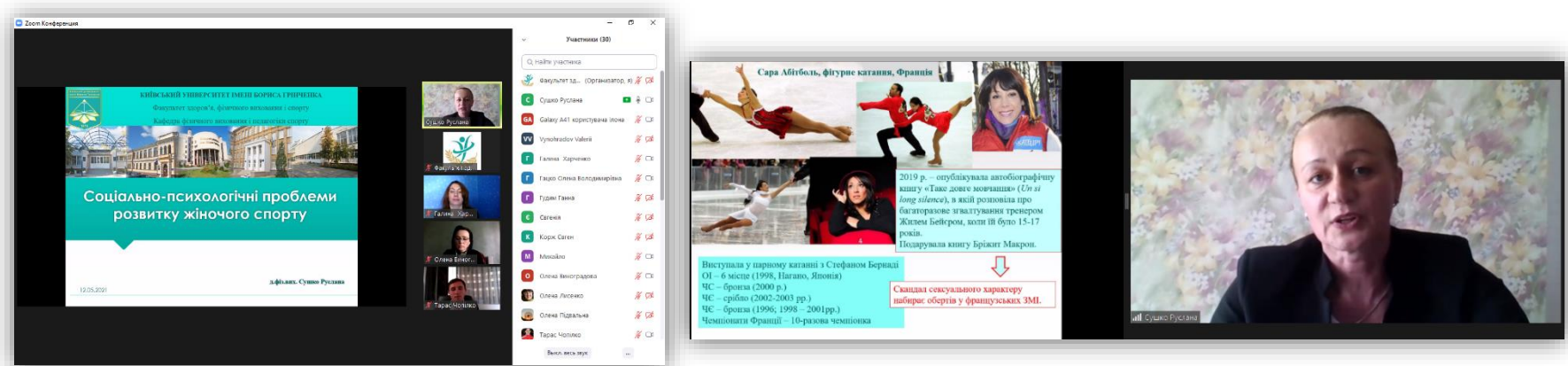
Жіночий бокс включено в програму Олімпійських ігор, проводяться чемпіонати Світу, престижні міжнародні змагання. У жіночому боксі значно зростає конкуренція і, як наслідок, напруженість змагальної боротьби.

Сучасна практика вдосконалення спеціальної витривалості жінок-боксерів багато в чому пов'язана з використанням тренувального процесу в чоловічому боксі.

Необхідність враховувати специфічні вимоги до функціонального забезпечення спеціальної витривалості жінок в кожному виді спорту

Світовий рівень майстерності та функціональної підготовленості жінок-боксерів постійно зростає, а це вимагає значного поліпшення підготовки жінок-боксерів збірної команди України.

3. **Socio-psychological problems of female sports development** (speaker – Dr *Ruslana Sushko*, Professor of the Physical Education and Sports Pedagogy Department at Borys Grinchenko Kyiv University (Ukraine)).



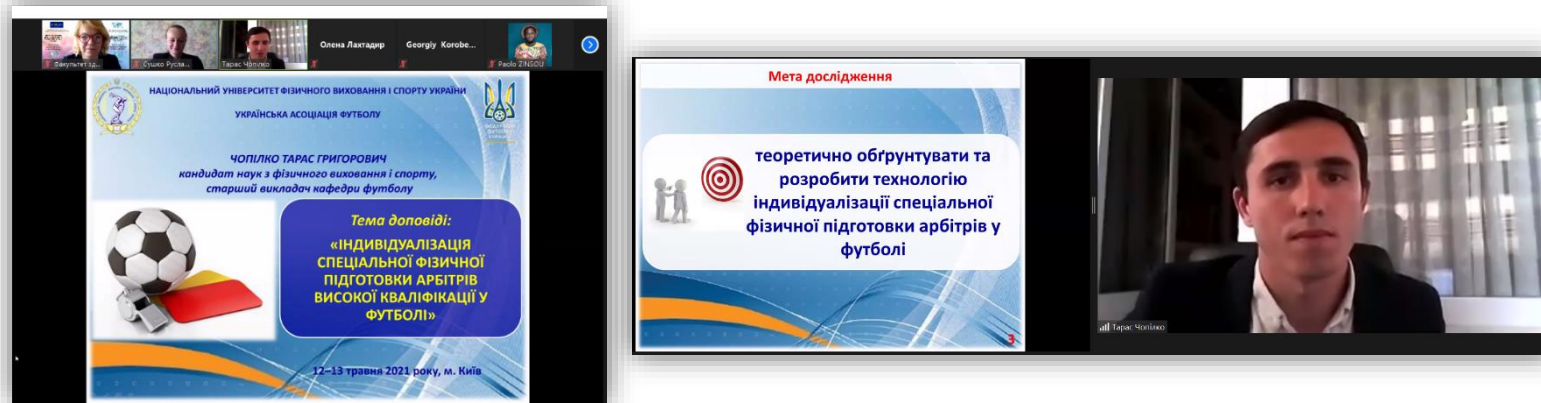
4. **Communicative competence of PE specialists** (speaker – Dr *Olena Lakhtadyr*, senior lecturer of the Sports and Fitness Department at Borys Grinchenko Kyiv University (Ukraine)).

Відповідно до мети дослідження поставлено такі **завдання**:

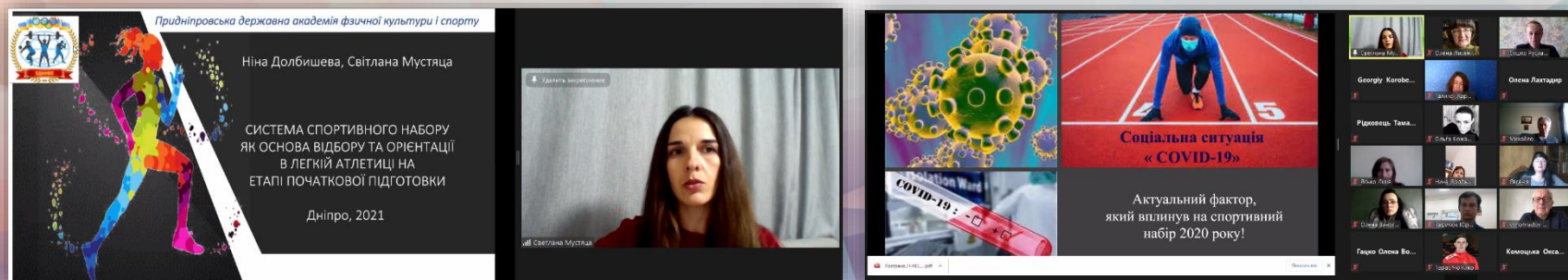
1. Здійснити теоретичний аналіз стану вивчення проблеми становлення комунікативної компетентності особистості в умовах педагогічної взаємодії.
2. Проаналізувати психологічний зміст, основні структурні компоненти та функції комунікативної компетентності особистості, визначити структурну організацію комунікативної компетентності майбутнього фахівця з фізичної культури і спорту.
3. Здійснити емпіричне дослідження психологічних особливостей сформованості комунікативної компетентності студентів, а також її розвитку залежно від статі, спеціалізації і курсу їх навчально-професійної підготовки.
4. Створити модель розвитку комунікативної компетентності майбутніх фахівців з фізичної культури і спорту.
5. Розробити програму комплексного розвитку та психокорекції комунікативної компетентності студентів – майбутніх фахівців з фізичної культури і спорту і перевірити її ефективність у ході апробації.

Олена Лахтадыр

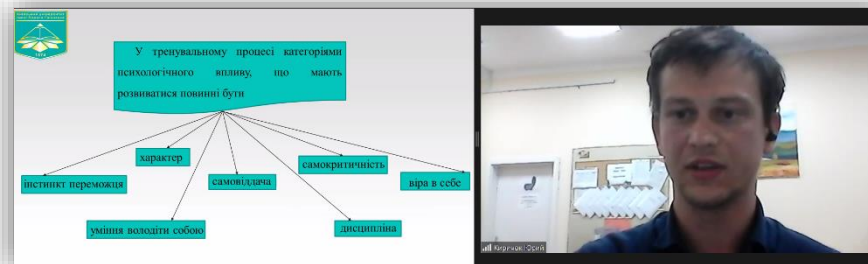
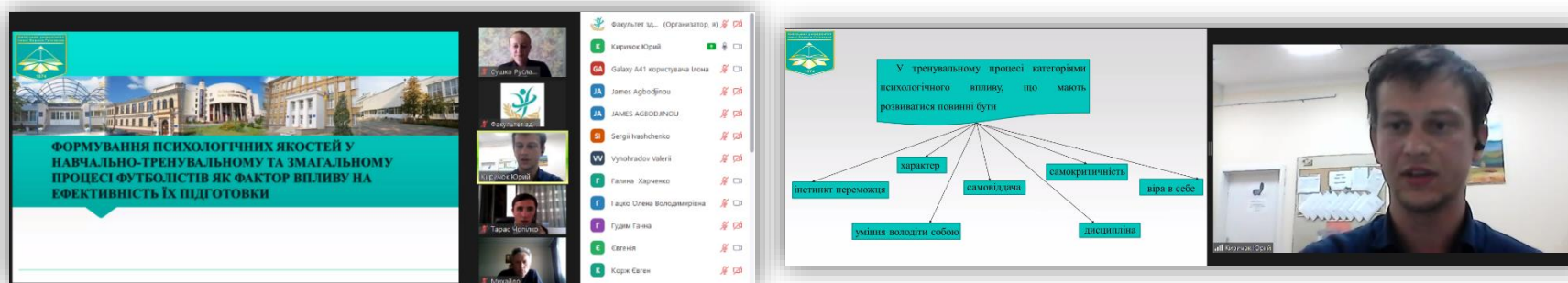
5. **Individualization of special physical training of highly qualified referees in football** (speaker – Dr *Taras Chopilko*, senior lecturer of the Football Department at National University on Physical Education and Sport of Ukraine (Ukraine)).



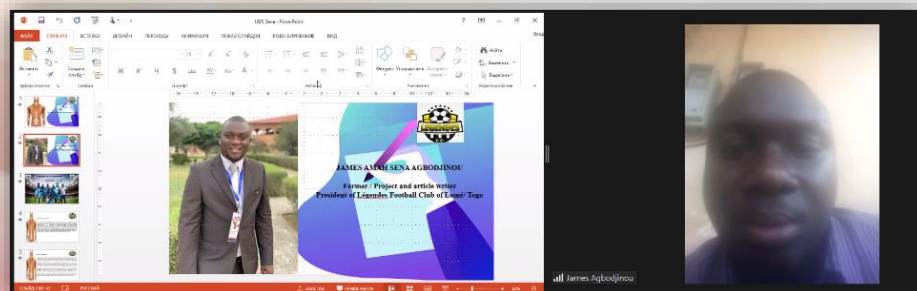
6. **The system of sports recruitment as a basis for selection and orientation in athletics at the stage of initial training** (speaker – *Svitlana Mustyatsa*, lecturer of the Theory and Methods of Sports Training Department at Dnieper State Academy of Physical Culture and Sports (Ukraine)).



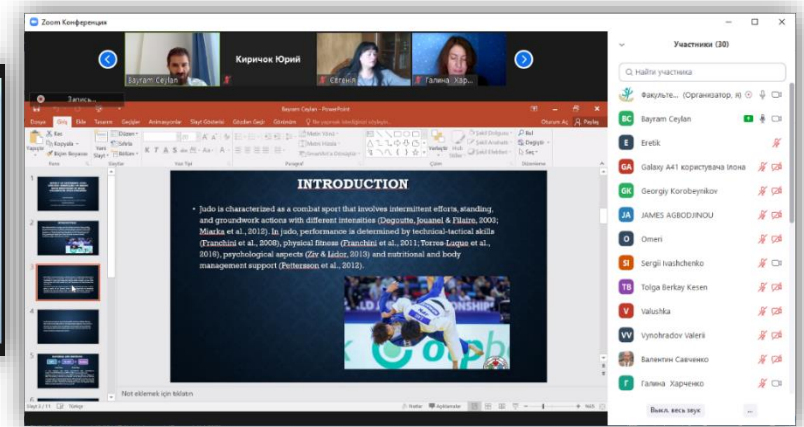
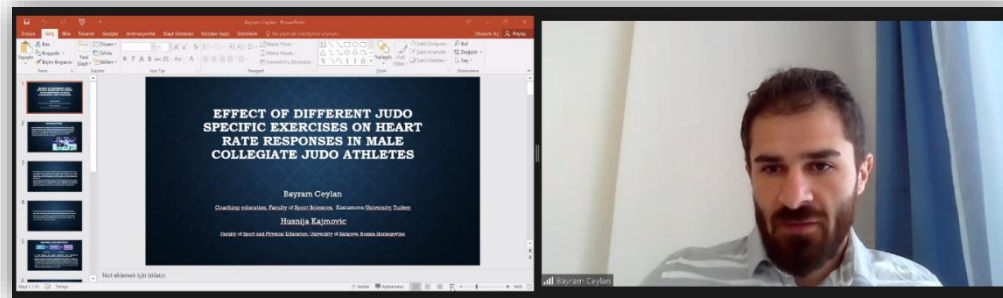
7. **Formation of psychological qualities in the training and competitive process of football players as a factor influencing the effectiveness of their training** (speaker – *Yuriy Kyrychok*, lecturer of the Sports and Fitness Department at Borys Grinchenko Kyiv University (Ukraine)).



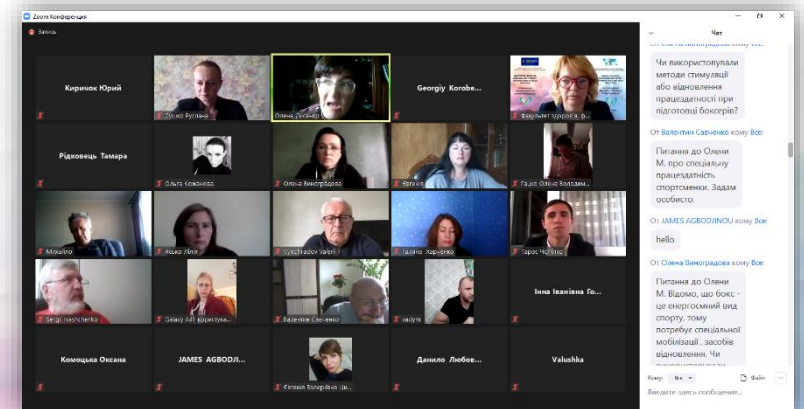
8. **Vital Energy in Sport and the Consequences of Blocking Its Free Movement** (speaker – *Agbodjinou Amah Séna*, Future Leaders Society, “Legendes” football club director (Lomé – Togo)).



9. **Effect of different judo specific exercises on heart rate responses in male collegiate judo athletes** (speaker – Dr *Bayram Ceylan*, Associate Professor of Faculty of Sport Sciences at Kastamonu University (Republic of Turkey)).



More than 30 delegates took part in the section discussion, which covered the peculiarities of training athletes in different countries. Special attention was paid to such sports as martial arts, judo, football, and athletics. Prospects and problems of female sports development highlighted in the presentations at the section and attracted the attention of many researchers. Sharp discussions on issues related to the competence of PE specialists outlined further prospects for research.



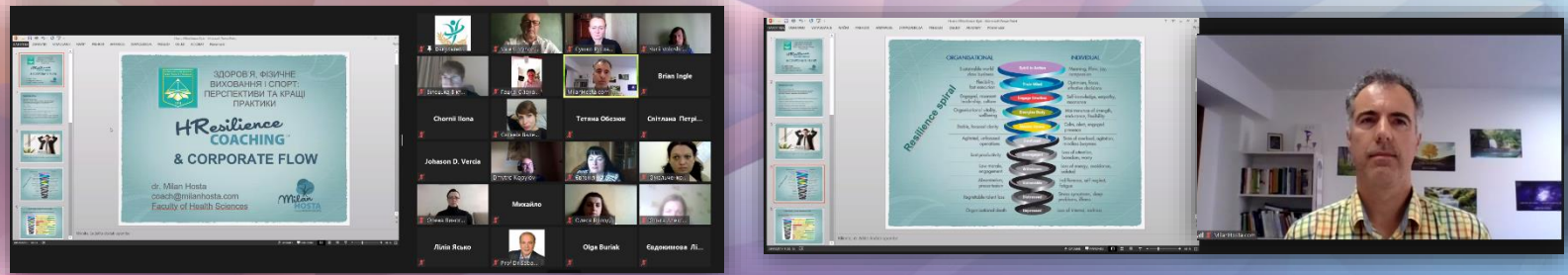


13 May, 2021 Plenary Session «HUMAN HEALTH AND MODERN PRACTICES OF PHYSICAL EDUCATION» included keynote speakers:

- Embodying Interoception and Proprioception as a Way to Access Health**
 Dr *Brian Siddharta Ingle*, Founder of Ingle Institute for Somatic Education, Doctor of Osteopathic Medicine (Republic of Ireland)



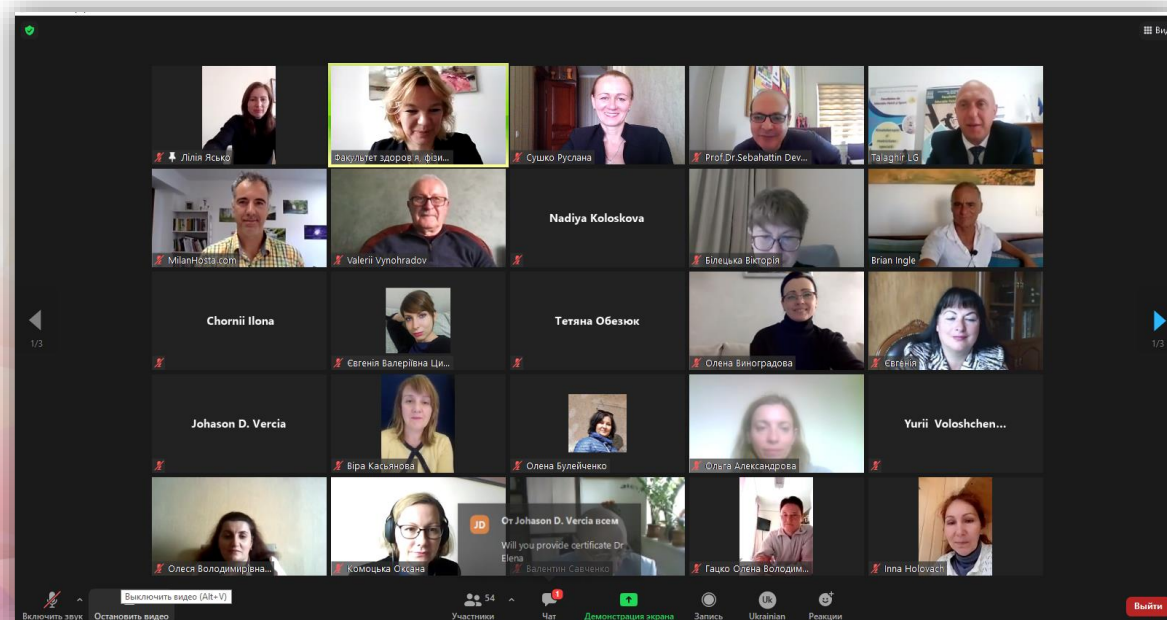
- Coaching Corporate and Personal Resilience and Flow in Activing Living**
 Dr *Milan Hosta*, CEO at TEDU Institute, Lecturer at Faculty of Health Sciences, University of Primorska, Doctor of Sciences (Republic of Slovenia)



- Physical Education in School during the COVID19 Pandemic — Case of Romania**
 Prof. *Laurențiu-Gabriel Talaghir*, Dean of the Individual Sports and Kinetotherapy Department at “Dunarea de Jos” University of Galati, Doctor of Sciences (Romania)

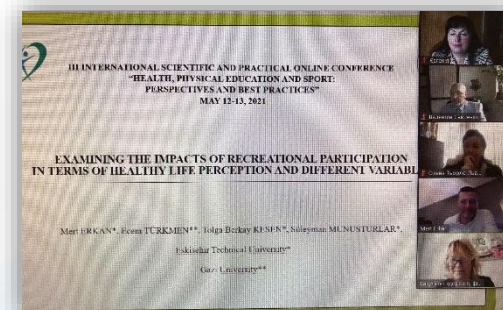
- Coronavirus pandemic lockdowns impact on sports economics**
 Prof. *Sebahattin Devecioğlu*, Professor at Faculty of Sports Sciences, Firat University, Associate Turkish Sports Sciences, Doctor of Sciences (Republic of Turkey).

The plenary discussion was attended by more than 60 delegates from different countries, including Prof. *Faisal Fayyaz*, a member of the Gymnastics Federation of Pakistan, an International Advisory Board member of the International Association for Physical Education and Sports (Pakistan), Dr *Anssari Sahajadhussein Gulamhussein*, Department of Education at Saurashtra University (India), Dr *Subrata Day*, Department of Exercise and Sports Physiology, Faculty of Health and Wellness, Sri Sri University, Cuttack, Odisha (India), Prof. *Aykut Shahin*, Professor of the Physical Education and Sports Department of Faculty of Sport Science at Munzur University (Turkey), representatives from Ukrainian universities, such as, Lviv State University of Physical Culture named after Ivan Bobersky (Lviv), National University on Physical Education and Sports of Ukraine (Kyiv), Prydniprovsk State Academy of Physical Culture and Sports (Dnipro), Kharkiv State Academy of Physical Culture (Kharkiv), National Technical University "KPI" named after Igor Sikorsky (Kyiv), National Pedagogical University named after M.P. Dragomanov (Kyiv), Melitopol State Pedagogical University named after Bohdan Khmelnytsky (Dnipro), PE teachers, sport managers and athletes.

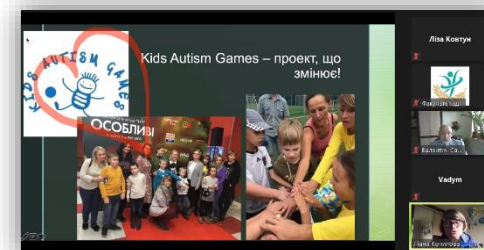
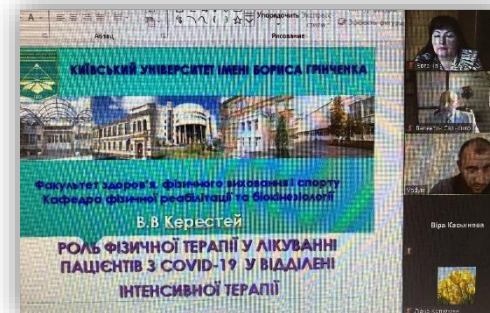


Session “PHYSICAL EDUCATION, RECREATION, PHYSICAL THERAPY AND ERGOTHERAPY” (moderator – Prof. *Valentyn Savchenko*, Head of the Physical Rehabilitation and Biokinesiology Department at Borys Grinchenko Kyiv University) included twelve presentations:

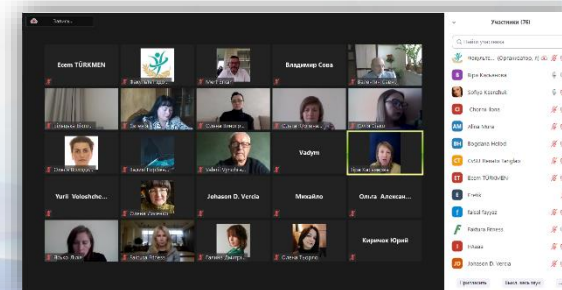
1. **Physical therapy, motivation of patients with motility disorders, recovery of physical activity of children with autism (A), autism spectrum disorders (ASD), cerebral palsy (CP)** (speaker – Prof. *Vagif Rakhmanov*, director of the Research Institute of Child and Family Psychiatry, Psychotherapy medical and psychosocial rehabilitation (Dnipro, Ukraine));
2. **Methodological features of formation of tools and parameters for evaluation of domains of the rehabilitation set of the international classification of functioning, restriction of vital activity and health** (speaker – Prof. *Valentyn Savchenko*, Head of the Physical Rehabilitation and Biokinesiology Department at Borys Grinchenko Kyiv University (Ukraine));
3. **Analysis of standards for determining the level of physical fitness of University abiturients with specific training conditions of the system of the Ministry of Internal Affairs of Ukraine** (speaker – Dr *Olena Tyorlo*, Head of the Special Physical Training Department at Lviv State University of Internal Affairs (Lviv, Ukraine));
4. **Examining the Impacts of Recreational Participation in Terms of Healthy Life Perception and Different Variables** (speaker – Dr *Mert Erkan*, Head of Recreation Department at Eskişehir Technical University (Republic of Turkey));
5. **Personal maturity and its connection with integral conclusions about the functional state of the cardiorespiratory system** (speaker – Dr *Olesia Tymchyk*, Associate Professor of the Physical Rehabilitation and Biokinesiology Department at Borys Grinchenko Kyiv University (Ukraine));
6. **Physical education of sick children with autism (A), autism spectrum disorders (ASD) and hearing impairment** (speaker – *Vasif Rakhmanov*, Assistant Professor of Otolaryngology, Dnipro State Medical University (Dnipro, Ukraine));



7. **The role of physical therapy in the treatment of patients with COVID-19 in the intensive care unit** (speaker – Dr *Vadym Kerestei*, Associate Professor of the Physical Rehabilitation and Biokinesiology Department at Borys Grinchenko Kyiv University (Ukraine));
8. **Adaptive physical education for children with autism spectrum disorders** (speaker – *Liana Kopylova*, Kyiv-Pechersk Lyceum № 171 “Leader” (Ukraine));
9. **Zen management as the basis of effective and healthy human life** (speaker – *Kseniia Litvinova*, senior lecturer at the Sports and Fitness Department at Borys Grinchenko Kyiv University (Ukraine));
10. **Modern research methods in the field of somatic education** (speaker – *Yurii Voloshchenko*, PhD student at Borys Grinchenko Kyiv University (Ukraine));
11. **Features of somatic learning for people of different ages** (speaker – *Oleksandra Kaiun*, PhD student at Borys Grinchenko Kyiv University (Ukraine));
12. **The problem of children and adolescents’ motivating to taekwondo** (speaker – *Volodymyr Sova*, student at Borys Grinchenko Kyiv University (Ukraine)).



A discussion panel on theoretical and practical aspects of education process for specialists in physical culture and physical rehabilitation took place after the presentations, which was attended by more than 60 representatives of higher and secondary education institutions, specialized in medicine. Particular attention was paid to crucial issues of recovery of patients after COVID-19 and real practical experience of physical therapists with patients with COVID-19 in intensive care units.



Thank you to all participants for their fruitful work during the Conference!

