

OPENING LECTURES	7
YES I CAN!!.....	7
WHY DO WE FUND ELITE SPORT?	7
ANALYSIS OF HUMAN MOVEMENT	9
HUMAN GAIT: THEORY AND APPLICATION	9
ACTIVITY VS INACTIVITY, MUSCLE VS FAT IN ELDERLY POPULATION	10
VISUAL UNCERTAINTY IN ESPECIAL SKILLS	11
TREND OF ADAPTATION TO TREADMILL WALKING DURING DIFFERENT PHASES OF PREGNANCY MEASURED BY GROUND REACTION FORCE AND STRIDE DURATION	12
DIAGNOSTICS OF PLANTAR PRESSURE IN PREGNANT WOMEN.....	13
JOURNAL KINESIOLOGY: INTERNATIONAL JOURNAL OF FUNDAMENTAL AND APPLIED KINESIOLOGY: THE POSITION AND VISIBILITY IN INTERNATIONAL ENVIRONMENT	14
KINEMATIC AND DYNAMIC ANALYSIS OF SWIMMING TECHNIQUE OF CZECH NATIONAL TEAM IN YEARS 2009-2015.	15
EVALUATION OF SPORT TECHNIQUE IN TENNIS BASED ON 3D KINEMATIC ANALYSIS.....	17
ANALYSIS OF MAXIMUM AND RELATIVE STRENGTH LEVELS OF JUNIOR MALE AND FEMALE TENNIS PLAYERS.	18
RUNNING ECONOMY AT HABITUALLY FOREFOOT AND HABITUALLY REARFOOT RUNNERS.....	19
RELIABILITY ANALYSIS OF THE 94FIFTY SMART SENSOR BASKETBALL	20
CHANGES IN EFFICIENCY AND SPEED OF FRONT CRAWL SWIMMING TECHNIQUE OF JUNIOR SWIMMERS AGED BETWEEN 14 AND 19 YEARS OLD - A CASE STUDY.....	21
PLANTOGRAPHY OF CHILDREN OF PRIMARY SCHOOL - COMPARING OF PLANTOGRAMS	22
SPORT TRAINING	23
BALL GAMES OF THE WORLD, FITNESS THROUGH PLAY.....	23
THE ANALYSIS OF 100 M HURDLES COMPETITIVE ACTIVITY	24
ELECTROSTIMULATION: PART OF THE WARM-UP BEFORE THE PERFORMANCE IN COUNTERMOVEMENT JUMP.....	25
THE FREQUENCY OF QUALITATIVE GRADING LEVELS OF DEFENSIVE PLAYS AT WORLD CUP 2014 IN FOOTBALL.....	26
BACKGROUND FOR PREPARING EDUCATION CURRICULUM FOR COACHES OF RHYTHMIC GYMNASTICS	27
COMPETITIVE BALANCE IN PROFESSIONAL SPORTS LEAGUES.....	28
ARE THERE ANY DIFFERENCES BETWEEN MALES AND FEMALES IN SUCCESS OF TEACHING WINDSURFING	29
ANALYSIS OF THE GAME CHARACTERISTICS OF A FINAL JUNIORS MATCH UP TO 14 YEARS AT WORLD JUNIOR TENNIS FINALS (WJFT) IN 2013	30
AGE-RELATED SPRINT PERFORMANCE CHARACTERISTICS OF ELITE MALE SOCCER PLAYERS	31
SPORTS TRAINING WITHIN SPECIAL OLYMPICS FITNESS INNOVATION PROGRAM	32

COMPARISON OF THE USE OF INFORMATION TECHNOLOGIES IN NON-FORMAL EDUCATION AND INFORMAL LEARNING OF HANDBALL COACHES IN THE CZECH REPUBLIC AND SLOVENIA	33
SPORT AND THE SOCIAL SCIENCES	34
COMPARATIVE PHYSICAL EDUCATION – SOME METHODOLOGICAL CONSIDERATIONS FROM SOCIAL SCIENCE PERSPECTIVE.....	34
INTERGENERATIONAL CONTEXT BETWEEN GRANDPARENTS AND GRANDCHILDREN IN THE AREA OF PHYSICAL ACTIVITIES IN COUNTRIES WITH DIFFERENT SOCIOCULTURAL BACKGROUND – PRELIMINARY PROJECT STUDY OUTCOMES	35
THE INSTRUMENTAL REDUCTION AS A “NON-PHANTOM MENACE” FOR MODERN SPORTS	36
METHODS OF PERSONALITY DEVELOPMENT IN THE FIELD OF ADAPTED PHYSICAL ACTIVITY FOR PERSONS WITH SPECIAL NEEDS FOR A MORE EFFICIENT LABOR MARKET	37
KINESIOMETRICS THEORY AND METHODOLOGY CONTRIBUTIONS FROM PETR BLAHUŠ ON QUANTITATIVE RATIONAL FOUNDATIONS OF KINESIOLOGY/KINANTHROPOLOGY.....	38
PHYSICAL ACTIVITY IN SOCIOLOGICAL PERSPECTIVE: SEDENTARY WAY TO LIFE VERSUS ACTIVE WAYS OF TRANSPORTATION	40
FOOTBALL FAN BEHAVIOR OF THE TWO MOST SUCCESSFUL FOOTBALL TEAMS IN THE CZECH REPUBLIC	41
A COMPARISON OF ATTITUDES TO SPORT AND PHYSICAL ACTIVITIES (SPA) AND SPORT BIBLIOGRAPHY OF UNIVERSITY STUDENTS OF SPORT AND NON-SPORT FIELDS.....	42
HISTORY OF PHYSICAL EDUCATION INSTRUCTION AT MASARYK UNIVERSITY 1919 -1989; PE HISTORICAL DEVELOPMENT AS REFLECTION OF SOCIO-HISTORICAL DEVELOPMENT OF SOCIETY	43
SPORT MANAGEMENT	44
CONCEPT OF OPEN INNOVATIONS AND ITS INFLUENCE ON HR REQUIREMENTS IN SPORT ORGANIZATIONS.....	44
MARKETING PLANNING AND MANAGEMENT IN ELITE SPORT EVENTS - CZECH OPEN	45
GRASSROOTS TRANSPARENCY: TRANSPARENCY AND ATTITUDES TOWARDS TRANSPARENCY IN LOCAL VOLUNTARY SPORT ORGANIZATIONS.....	46
TEACHING OF SUBJECT „PROJECT MANAGEMENT IN SPORT“ AT THE FACULTY OF SPORT STUDIES AT MASARYK UNIVERSITY.....	47
THE LEGACY OF MAJOR INTERNATIONAL SPORTING EVENTS IN THE CZECH REPUBLIC.....	48
HEALTHY LIFESTYLE, ACTIVE AGING	49
COMPARISON OF PHYSICAL ACTIVITY AND HEALTH STATUS IN THE SPECIFIED FOCUS GROUP OF POPULATION OF MIDDLE-AGED AND OLDER.....	49
PHYSICAL ACTIVITY AS A MEANS OF IMPROVING THE QUALITY OF LIFE IN CANCER PATIENTS - A PILOT STUDY	50
CHANGES IN EATING HABITS AND SELECTED PARAMETERS OF FEMALE BREAST CANCER PATIENTS AFTER 6 MONTHS OF PHYSICAL ACTIVITY INTERVENTION	51
REDUCTION OF BODY WEIGHT IN CHILDREN BY APPROPRIATE DIET AND PHYSICAL ACTIVITY ...	52

THE INFLUENCE OF THE SHORT-TERM MOVEMENT INTERVENTION ON THE QUALITY OF LIFE OF WOMEN IN THEIR MIDDLE AGE	53
MOTOR COMPETENCY AMONG CZECH PRESCHOOL CHILDREN WITH REGARDING TO GENDER. 55	
SENIOR TOURISM ON THE EXAMPLE OF MEMBERS OF THE 'FAN' ASSOCIATION FOR SPORT PROMOTION IN WROCLAW, POLAND.....	56
THE MOTIVATION FOR THE MOVEMENT EDUCATION OF GROUP OLDER'S PERFORMANCES FOR THE WORLD GYMNAESTRADA 2015.....	57
SPORT AND DANCE WALKER.....	58
ANALYSIS OF FITNESS LEVEL OF SCHOOL-AGE CHILDREN IN THE CZECH REPUBLIC.....	59
EFFECTS OF A DANCE VS. FITNESS TRAINING ON BRAIN PLASTICITY, BALANCE PERFORMANCES AND ATTENTION IN HEALTHY SENIORS.....	60
PHYSICAL DEVELOPMENT AND GENERAL MOTOR PERFORMANCE OF PRESENT PRIMARY SCHOOL BOYS POPULATION IN RUZOMBEROK.....	61
PHYSICAL ACTIVITY OF ADOLESCENT GIRLS IN DIFFERENT TYPES OD HIGH SCHOOLS	62
MASARYK UNIVERSITY DEVELOPMENT FUND – ROLLPILATES, INTRODUCTION OF NEW SUBJECT	63
SPORT MEDICINE	64
THE RELATIONSHIP BETWEEN PHYSICAL ACTIVITY AND BODY MASS INDEX IN ADOLESCENCE: THE PAHL STUDY	64
EVALUATION OF REHABILITATION EFFECT WITH 3D SCANNING MEASUREMENT IN FLATFOOT DIAGNOSIS IN CHILDHOOD	65
POSTURAL CONTROL AND FALL PREVENTION IN THE ELDERLY	66
INJURIES IN WINDSURFING SPORT.....	67
SODIUM BICARBONATE, CAFFEINE, AND THEIR COMBINATION DOES NOT ENHANCE REPEATED 200-M FREESTYLE PERFORMANCE	68
THE ROLE OF PHYSIOTHERAPIST IN SPORT	69
DOPING IN CZECH ADOLESCENTS: PREVALENCE AND ATTITUDES.....	70
EFFECT OF ALTERNATING HOT AND COLD WATER IMMERSION IN REGENERATION OF ATHLETES	71
EFFECT OF DIETARY NITRATE SUPPLEMENTATION ON PLASMA NITRATE/NITRITE IN PHYSICALLY ACTIVE MEN	72
RELATION BETWEEN SEXUAL ACTIVITY, SEXUAL BEHAVIOR AND SPORT PERFORMANCE.....	73
MARTIAL ARTS AND COMBAT SPORTS IMACSSS SYMPOSIUM	74
THE MEANING OF SELF-DEFENCE: AN EXPERT DEFINITION. A CONTRIBUTION TO THE THEORY OF SELF-DEFENCE AND COMBAT	74
FOUR-YEAR STUDY OF INJURIES IN POLISH TAEKWON-DO NATIONAL CHAMPIONSHIPS FOR SENIORS.....	75
COORDINATION-RELATED SUCCESS FACTORS IN GRECO-ROMAN WRESTLERS AGED 17-18.....	76
THE PEDAGOGICAL PROCESS OF TAEKWONDO	77

THE FLOW EXPERIENCE IN QIGONG AND ITS IMPACT ON QUALITY OF LIFE	78
THE CONNECTION BETWEEN MARTIAL ARTS AND ROUGH & TUMBLE PLAY (RTP).....	79
EDUCATIONAL BACKGROUND OF SECURITY BODIES IDENTIFICATION IN THE STUDY PROGRAMME OF APPLIED SPORT EDUCATION OF SECURITY BODIES.....	80
POSTER SECTION	81
ACCURACY IN REPRODUCTION OF MOVEMENT RANGE AND PRESSURE FORCE IN SPORTSMEN	81
METRIC PROPERTIES OF MINDSET IN SPORT SCALE ON THE SAMPLE OF URBAN ADULTS	82
THE IDENTITY OF POLICE ORGANIZATIONS : RESOLVING CONFLICT SITUATIONS.....	83
SOME BIOMECHANICAL CHARACTERISTICS OF SLALOM TURN DURING RACE OF ELITE ALPINE SKIERS	84
DIFFERENCE IN STRENGTH BETWEEN WOMEN WHO PRACTICE PILATES AND AEROBIC.....	85
HEALTH EXERCISES AND SITUATIONAL PREVENTION FOR SENIORS.....	86
REVIEW: COMPARISON INTERVENTION PROGRAMS FOR IMPROVE FUNCTIONAL ABILITY FOR OLDER ADULTS	87
THE EFFECT OF EXERCISE INTERVENTION ON SELECTED INDICATORS OF PHYSICAL FITNESS AND BODY COMPOSITION OF WOMEN IN SENIOR AGE.	88
EFFICIENCY TRAINING PROGRAM FOR NON-SWIMMERS.....	89
WHOLE BODY VIBRATION PHYSIOTHERAPY KNEE OSTEOARTHRITIS (GONARTHROSIS)	90
THE INFLUENCE OF DYNAMIC BALANCE ON EVALUATION EXERCISE ON BALANCE BEAM ON THE FEMALE UNIVERSITY STUDENTS.....	91
THE RELATIONSHIP BETWEEN LABORATORY AND FIELD ENDURANCE TESTS IN YOUNG SOCCER PLAYERS	92
STIMULUS OF NEUROMUSCULAR ACTIVITY DURING INCREASING LOAD.....	93
ANALYSIS OF THE BODY COMPOSITION OF THE WOMEN VOLLEYBALL PLAYERS DURING THE SEASON.....	94
ANTHROPOMETRIC CHARACTERISTICS AND STANDING LONG-JUMP PERFORMANCE OF ELITE SOCCER PLAYERS WITH RESPECT TO CHRONOLOGICAL AGE	95
SCORING OF THREE SINGLE NUCLEOTIDE POLYMORPHISMS IN ELITE SOCCER PLAYERS.....	96
THE INFLUENCE OF CHRONIC ANKLE INSTABILITY ON POSTURAL STABILITY	97
EDUCATING SCHOOL CHILDREN THROUGH OLIMPIC GAMES	99
EVALUATION OF METHODOLOGY OF SELF-DEFENCE FOR PEOPLE WITH DISABILITIES USING A WHEELCHAIR	100
THE RELATIONSHIP BETWEEN PROFESSIONAL AND PERSONAL LIFE OF SPORTSPERSONS	101
THE CONCEPT OF DIAGNOSTIC COMPETENCE OF PHYSICAL EDUCATION TEACHERS	102
ADAPTATION OF OMSAT-3* QUESTIONNAIRE INTO CZECH LANGUAGE.....	103
DOES CORRELATE EXPLOSIVE STRENGTH AND SPRINT ABILITY OF CZECH YOUNG FOOTBALL PLAYERS?	104
CONNECTION BETWEEN MOTOR ABILITIES AND DANCING SUCCESS OF THE FACULTY OF KINESIOLOGY STUDENTS	105

ISOKINETIC STRENGTH OF THE SHOULDERS IN YOUNG ELITE TENNIS PLAYERS.....	106
THE COMPARISON OF THE STRATEGIES USED BY PATIENTS IN CHRONIC PAIN THERAPY AND PEOPLE PERFORMING TAEKWONDO - A PILOT STUDY	107
SATELLITE SYMPOSIUM ON SPORT INJURIES	108
FUNDAMENTALS OF SPORTS INJURY EPIDEMIOLOGY / ESTABLISHING AN INJURY SURVEILLANCE	108
EPIDEMIOLOGY OF FENCING INJURIES - DATA COLLECTION AND PREVENTION IMPLEMENTATION	109
COMPETITION INJURIES IN JUDŌ	110
COMPETITION INJURIES IN T'AEKWŎNDO	111
EPIDEMIOLOGY OF TRACK AND FIELD INJURIES.....	112
EPIDEMIOLOGY OF INJURY IN SKIING - CURRENT STATUS AND FUTURE DIRECTIONS	113
EPIDEMIOLOGY OF INJURY IN ARTISTIC GYMNASTICS.....	114
MOVEMENT VARIABILITY – SCIENCE AND PRACTICAL APPLICATION	115