

**9th International
Professional and Scientific Conference**



PROGRAMME

18-21 September 2024, Croatia

WEDNESDAY 18 September 2024

15:00 – 19:00	Authors and participants registration
18:00 – 19:00	Organisational Committee Meeting
20:30 – 23:00	Welcome cocktail party

THURSDAY 19 September 2024

07:30 – 09:00	Authors and participants registration
09:00 – 09:30	Opening ceremony

09:30 – 11:00	INVITED PAPERS – Room Veliki Donat
---------------	---

11:00 – 11:30	Coffee break
---------------	--------------

11:30 – 13:00			
---------------	--	--	--

Section 1 – Room Veliki Donat OCCUPATIONAL SAFETY
--

Section 2 – Room Mali Donat OCCUPATIONAL HEALTH
--

Section 3 – Room Bura ERGONOMICS
--

13:00 – 14:30	Lunch break
---------------	-------------

14:30 – 16:00			
---------------	--	--	--

Section 4 – Room Mali Donat TECHNICAL – TECHNOLOGICAL FACTORS

Section 5 – Room Veliki Donat MULTIDISCIPLINA RY ASPECT
--

Section 6 – Room Bura FIRE AND EXPLOSION PROTECTION

16:00 – 16:30	Coffee break
---------------	--------------

16:30 – 18:00	ROUND TABLE – room Veliki Donat Topic: "MENTAL HEALTH AT WORK"
---------------	--

18:00 – 19:00	POSTER PRESENTATION – lobby of the room Veliki Donat
---------------	---

20:30	Conference dinner
-------	-------------------

FRIDAY 20 September 2024

09:30 – 11:00

INVITED PAPERS – Room Veliki Donat

11:00 – 11:30

Coffee break

11:30 – 13:00

Section 7 – Room Veliki Donat
SOCIAL AND HUMANISTIC ASPECTS

Section 8 – Room Mali Donat
ENVIRONMENTAL PROTECTION

13:00 – 14:30

Lunch break

14:30 – 16:30

ROUND TABLE – room Veliki Donat
Topic: "OHS IN THE DIGITAL AGE – ARE WE READY"

16:30

Closing ceremony

SATURDAY 21 September 2024

09:00 – 14:00

Excursion

THURSDAY 19 September 2024

Room Veliki
Donat

INVITED PAPERS

THURSDAY
19 Sept. 2024

9:30 – 11:00

Moderators: Budimir Mijović, Vedran Vyrubal

1. UWE REISCHL, BUDIMIR MIJOVIĆ, ALEX HONN: **PROTOTYPE RESPIRATORY PROTECTION SYSTEM FOR WILDLAND FIREFIGHTERS**
2. JADRANKA GRBINIĆ: **ENVIRONMENTAL AND HEALTH IMPACTS OF THE CLOSURE OF LANDFILLS IN THE REPUBLIC OF CROATIA**
3. IVAN MIJAILOVIĆ: **TOBACCO STALKS BIOBRIQUETTES COMBUSTION EMISSIONS – ENVIRONMENTAL IMPACT AND ENERGY EFFICIENCY**

Section 1

Room Veliki
Donat

OCCUPATIONAL SAFETY

THURSDAY
19 Sept. 2024

11:30 – 13:00

Moderators: Marijana Leontić, Leon Vedenik

1. MARIJANA LEONTIĆ, DARKO PALAČIĆ: **OCCUPATIONAL HEALTH AND SAFETY RISKS MANAGEMENT - FUNDAMENTAL PHILOSOPHY**
2. JELENA IVANČAN, DRAGICA LIČKO: **ENHANCING WORKPLACE SAFETY: STRATEGIES AND PRACTICAL STEPS DERIVED FROM INA GROUP'S EXPERIENCE**
3. ANITA STILIN, LJERKA TOMLJENOVIĆ, ANA BLAŽEVIĆ: **EXPERIENCE OF FOREIGN WORKERS – SAFETY ISSUES**
4. LEON VEDENIK, MARJAN LUKEŽIČ: **STATISTICS OF OCCUPATIONAL ACCIDENTS IN THE REPUBLIC OF SLOVENIA FROM 2008 TO 2022**
5. RUI ISIDORO, LUIS SERRA: **LIVE WORKING ACCIDENTS IN ELECTRICAL TRANSFORMATION STATIONS**
6. ANTONIO METIĆ: **TRAINING AND DEVELOPMENT OF VOLUNTEER FIREFIGHTERS**
7. ALOJZIJE GRZELJA IVETA: **REMOTE WORK CHALLENGES IN OCCUPATIONAL HEALTH AND SAFETY IN REPUBLIC OF CROATIA**

Section 2

OCCUPATIONAL HEALTH

THURSDAY
19 Sept. 2024

Room Mali Donat

11:30 – 13:00

Moderators: Marina Borić, Jasmina Bešlagić

1. JASMINA BEŠLAGIĆ, ATIF HODŽIĆ, ESAD BAJRAMOVIĆ: **INJURY AT WORK AND OCCUPATIONAL DISEASE IN THE LEGISLATION OF THE FEDERATION OF BOSNIA AND HERZEGOVINA**
2. EDUARD MISSONI, MARIN DUGINA, DINO ŠOJAT: **THE EFFECTS ON EXHAUST GAS EMISSIONS ON WORKERS IN MOTORWAY TOLL BOOTHS**
3. MARINA BORIĆ, SNJEŽANA ŠTEFOK: **FINDINGS OF THE MINDBOT PROJECT AS GUIDELINES FOR PROMOTING MENTAL HEALTH AT WORK AND IMPROVING COBOT-WORKER WELL-BEING**
4. TATJANA GOLUBOVIĆ, ANA BIJELIĆ: **OCCUPATIONAL EXPOSURE TO BTEX: A CONDENSED REVIEW**
5. IVANA ŽITKO: **CHEMICAL MANAGEMENT SYSTEM IN RIMAC TECHNOLOGY AND BUGATTI RIMAC**
6. IVA ČEHAK: **IMPLEMENTATION OF TECHNICAL PROTECTION IN SAFETY AND HEALTH PROTECTION**
7. FRANJO MIROSAVLJEVIĆ: **FIRST AID SUPPLIES IN FIRST AID CABINETS**
8. JASNA HALAMBEK, IVA PUTANEC, IVANA KOLIĆ, SANDRA ZAVADLAV: **PESTICIDES IN FOOD AND THE ENVIRONMENT-IMPACT ON HUMAN HEALTH**

Section 3

ERGONOMICS

THURSDAY
19 Sept. 2024

Room Bura

11:30 – 13:00

Moderators: Gorana Lipnjak, Josipa Nakić

1. JOSIPA NAKIĆ, MATIJA LANDEKIĆ: **PRE-WORK WARM-UP ROUTINE FOR CHAINSAW WORKERS**
2. GORANA LIPNJAK: **PSYHOSOCIAL RISKS AT THE WORKPLACE CAUSES, CONSEQUENCES, PREVENTION**
3. ZLATKO ŠARIĆ, SONJA DAMJANOVIĆ DEŠIĆ, TINA MUDROVČIĆ: **APPLICATION OF OCCUPATIONAL EXOSKELETONS**
4. KARLA KOVAČEVIĆ ČORAK, MARINA MILAKOVIĆ, DOMINIK OROZ, PETRA KOVAČEVIĆ TOTIĆ, MARIJA BUBAŠ, KRUNOSLAV CAPAK: **OCCUPATIONAL MUSCULOSKELETAL DISORDERS AMONG DENTISTS**
5. MAJA ULEMEK, ŽELJKO JOVANOVIĆ: **STRESS AND CONSEQUENCES OF STRESS OF HEALTHCARE WORKERS IN ONCOLOGY DEPARTMENTS**
6. RIA HORVAT, SANDRA DEBELJAK, KRISTINA DUNDOVIĆ: **PSYCHOSOCIAL RISKS AMONG HEALTHCARE WORKERS IN LEGAL THEORY AND PRACTICE**
7. MINKA ČEHIĆ, HASAN TALIĆ, SELMA MUJANIĆ: **ANALYSIS OF ENVIRONMENTAL HEAT ON A WORKER IN A SAW MILL**
8. INES BAKSA, JASMINKA HORVATIĆ, SARAJKO BAKSA: **PRESERVING THE PHYSICAL AND MENTAL HEALTH OF EMPLOYEES AT THE WORKPLACE**
9. SNJEŽANA KIRIN, MANUELA ŽAKULA, LUKA BABIĆ: **INVESTIGATION OF WORKPLACE LIGHTING IN THE PROCESS OF TECHNOLOGICAL SEWING**
10. SNJEŽANA KIRIN, ANICA HURSA ŠAJATOVIĆ: **ANALYSIS OF STATODYNAMIC LOAD IN THE TECHNOLOGICAL PROCESS OF SEWING**

Section 4

Room Mali Donat

TECHNICAL AND TECHNOLOGICAL FACTORS

THURSDAY
19 Sept. 2024

14:30 – 16:00

Moderators: Anita Tarbuk, Budimir Mijović

1. ANITA TARBUK, TIHANA DEKANIĆ, JOSIP MARKOVIĆ, KATIA GRGIĆ: **THE INFLUENCE OF WASHING WITH PERACETIC ACID BLEACH ON THE PROPERTIES OF GREEN HOSPITAL PROTECTIVE COTTON FABRIC**
2. TIHANA DEKANIĆ, TANJA PUŠIĆ, ANA ŠARAVANJA: **THE RELEASE OF FIBRE FRAGMENTS FROM ARTIFICIALLY AGED POLYESTER/COTTON FABRIC DURING WASHING PROCESS**
3. DOMAGOJ ŠKARICA, BUDIMIR MIJOVIĆ: **DANGERS AND PROTECTIVE MEASURES WHEN WORKING WITH ACIDS AND ALKALS IN POWER PLANT EL-TO ZAGREB**
4. ANA MARIJA ŽALAC, BUDIMIR MIJOVIĆ: **SAFETY AT WORK FOR THE CNC MACHINE OPERATOR**
5. AIDA IMAMOVIĆ, OMER KABLAR, MIRSA ORUČ, DRAGANA AGIĆ: **SAFETY MEASURES AT WORK WHEN TRANSPORTING AND UNLOADING STEEL SCRAP IN THE TECHNOLOGICAL PROCESS OF STEEL PRODUCTION**
6. ANĐELA JEVTIĆ, VLADIMIR STANKOVIĆ, EVICA JOVANOVIĆ: **RISKS IN ELECTRICAL POWER SYSTEMS**
7. VLADO KUŠEC, MARTINA KUŠEC RUGANEC, IGOR KOVAČEV, TOMISLAV KOS: **HAZARDS AND SAFETY MEASURES WHEN WORKING WITH PLANT PROTECTION MACHINES**
8. BOSILJKA ŠARAVANJA, SELMA IMAMAGIĆ, ANICA HURSA ŠAJATOVIĆ, PAULA MARKOVIĆ: **THE CALCULATION OF THE TIME NORMS FOR A WHITE LAB COAT "LEON"**

Section 5

Room Veliki
Donat

MULTIDISCIPLINARY ASPECT

THURSDAY
19 Sept. 2024

14:30 – 16:00

Moderators: Sarajko Baksa, Marko Štajner

1. SARAJKO BAKSA, MIŠEL MIHALIĆ, INES BAKSA: **ORGANIZATIONAL MAINTENANCE SYSTEM IN THE FUNCTION OF OCCUPATIONAL SAFETY AND HEALTH PROTECTION**
2. DUŠICA J. PEŠIĆ, DARKO N. ZIGAR, SRĐAN M. GLIŠOVIĆ, ACA V. BOŽILOV: **FIRE RESEARCH USING FIRE DYNAMICS SIMULATOR SOFTWARE PACKAGES**
3. MARIJA BATAK, ANDREJA CESAR SLEGOVAC, SANELA PASKAŠ DLUGOŠ: **IMPACT OF THE FOURTH INDUSTRIAL REVOLUTION ON DEVELOPMENT OF PERSONAL PROTECTIVE EQUIPMENT**
4. ALEN KRIVAČIĆ: **GREEN CROSS RECORDS: TRACKING TOOL OF WORK SAFETY STATUS IN THE COMPANY**
5. MARKO ŠTAJNER, KRISTINA ŠTIMAC, BRUNO ŠTAJNER: **SECURITY IN THE IMPLEMENTATION OF TELECOMMUNICATIONS INFRASTRUCTURE**
6. IVA ČEHAK: **SAFETY ADVISER FUNCTION**
7. MATIJA NOVOSEL, ALEN ŠIMEC, LIDIJA TEPEŠ GOLUBIĆ: **EXPLORING STRATEGIES FOR DEVELOPING SECURE AND TRANSPARENT CHAT APPLICATIONS**
8. IVAN ŠTEDUL, MARIO FANJAK, MERIMA ARNAUT: **MATHEMATICAL MODELS IN OCCUPATIONAL SAFETY**

Section 6

FIRE AND EXPLOSION PROTECTION

THURSDAY
19 Sept. 2024

Room Bura

14:30 – 16:00

Moderators: Damir Kralj, Zvonimir Matusinović

1. DARIO JAVOR, DEJAN KRSTIĆ, NEBOJŠA RAIČEVIĆ: **RANKING OF VEHICLE FIRE RISK BASED ON HARMFUL GAS EMISSIONS**
2. ZVONIMIR MATUSINOVIĆ, ANĐELKO MIHOK, IVAN VRABEC: **SAFETY RISKS AND EXTINGUISHING FIRES OF ELECTRIC VEHICLES**
3. MARKO OŽURA, NINA POPOVIĆ, ZRINKA MESIĆ: **FIRE EFFECTS ON INVASIVE PLANTS IN THE AREA OF FOREST ADMINISTRATION KARLOVAC**
4. DANIJEL KNEŽEVIĆ, MANUELA ŽAKULA, DAMIR KRALJ: **RESEARCH ON THE EXPERIENCE AND QUALIFICATIONS OF FIREFIGHTERS FOR INTERVENTIONS IN ELECTRIC AND HYBRID VEHICLES**
5. MAJA TREČIĆ, ŽELJKA POTOČNJAK, ZVONIMIR MATUSINOVIĆ: **FIRE ON HYBRID VEHICLES**
6. MAJA TREČIĆ, IVAN ŠTEDUL, MANUELA ŽAKULA: **STATISTICAL ANALYSIS OF WILDFIRES IN CROATIA: APPLICATION OF DATA FROM THE GLOBAL WILDFIRE INFORMATION SYSTEM (GWIS)**

Lobby of the
room Veliki Donat

POSTER PRESENTATION

THURSDAY
19 Sept. 2024

18:00 – 19:00

Moderators: Anamarija Kirin, Filip Žugčić

OCCUPATIONAL SAFETY

1. NENO ČABRAJA, DIANA KRALJ, DAMIR KRALJ: **IRLEN SYNDROME AND ACCESSIBILITY OF DIGITAL MEDIA FROM THE PERSPECTIVE OF PROTECTION AT WORK**
2. MARIJAN BINIČKI, PERO ŠKORPUT, TOMISLAV KLJAK: **WORK SAFETY AND PROTECTION IN POSTAL SYSTEM**
3. SUZANA Z. ZIKOVSKA, CVETANKA T. MITREVSKA, LIDIJA LJ. BURESKA, SLOBODAN BUNDALEVSKI: **CAUSES OF ACCIDENTS AND PROTECTION MEASURES WHEN WORKING IN WAREHOUSES**
4. GORANKA ŠKEVA, BOJANA KNEŽEVIĆ, ŽELJKO OTMAČIĆ, ANAMARIJA VONIĆ LUKINEC: **TRAINING OF HEALTHCARE WORKERS TO WORK IN A SAFE WAY AND USE OF PERSONAL PROTECTIVE EQUIPMENT**

5. LADA PURGAR, MAJA ŠIKIĆ: **IMPROVING THE QUALITY OF EDUCATION OF OCCUPATIONAL SAFETY ENGINEERS BY INTRODUCING A COMPULSORY COURSE IN ANDRAGOGY AT THE SPECIALIST STUDY OF SAFETY AND SECURITY**
6. LADA PURGAR, ANAMARIJA BONIĆ: **ANDRAGOGICAL SKILLS OF OCCUPATIONAL SAFETY EXPERTS**

OCCUPATIONAL HEALTH

1. RENATA HRŽENJAK, KSENIJA DOLEŽAL, BLAŽENKA BRLOBAŠIĆ ŠAJATOVIĆ: **THE IMPORTANCE OF MONITORING THE VALUE OF BODY MEASUREMENTS IN THE FUNCTION OF HEALTH**
2. BOJAN MATIJEVIĆ: **FOOD SAFETY CULTURE: COMMON WAY OF BEHAVING AND THINKING**

3. SANDRA ZAVADLAV, PETRA CVETIĆ, IVANA KOLIĆ, JASNA HALAMBEK, JASMINKO SALETOVIĆ: **SWEETENERS AND NO SUGAR FOOD OFFER FOR THE PURPOSE OF PROTECTING HEALTH OF DIABETICS**
4. MARKO KRŠULJA, DINKO JURJEVIĆ, DAMIR KARABAIC: **ASSESSMENT OF UNPLEASANT ODORS IN THE WORKING ENVIRONMENT**
5. TAMARA FEHERVARI, MARKO PRAHOVIĆ: **THE IMPACT OF OCCUPATIONAL PHYSICAL ACTIVITY ON HEALTH**
6. MARIJANA BLAŽIĆ, KARMEN MATKOVIĆ MELKI, MONIKA ČUBELA, ELIZABETA ZANDONA, INES CINDRIĆ, MARTINA STVORIĆ: **ZERO WASTE PRACTICES IN FINE DINING RESTAURANTS**

ERGONOMICS

1. BLAŽENKA BRLOBAŠIĆ ŠAJATOVIĆ, RENATA HRŽENJAK, KSENIJA DOLEŽAL: **DIFFERENCE IN THE ANTHROPOMETRIC CHARACTERISTICS OF ATHLETES AND THE GENERAL POPULATION AND THEIR IMPACT ON HEALTH**
2. BOJAN LATIĆ: **STRESS AT WORK CAUSED BY BURNOUT SYNDROME**
3. SNJEŽANA KIRIN, KRISTIJAN KALCINA, MARINELA VULIĆ: **EXAMINATION OF NOISE WITHIN THE WORK ENVIRONMENT DURING THE SEWING TECHNOLOGICAL PROCESS**
4. ERIC ŽGELA, FILIP ŽUGČIĆ, ANAMARIJA KIRIN: **THE PROCESS OF INTEGRATION OF LIGHTING FIXTURES IN THE WORK SPACE, MEASUREMENT AND SIMULATION OF LIGHTING**
5. DAMIR KRALJ, SNJEŽANA KIRIN, MARINELA VULIĆ: **MEETING THE "TEKSERGO" PROJECT**
6. MAJA TREČIĆ, ŽELJKA POTOČNJAK: **IMPACT OF SEXUAL HARASSMENT IN THE WORKPLACE: CONSEQUENCES ON WORK ENVIRONMENT AND PRODUCTIVITY**

TECHNICAL AND TECHNOLOGICAL FACTORS

1. TIHANA KOSTADIN, ANA TOMAŠIĆ: **PROPERTIES AND RECYCLING OF POLYMER MATERIALS**
2. TIHANA KOSTADIN, TOMISLAV ŠANČIĆ, NIKOLA ŠIMUNIĆ, MATIJA RENDULIĆ: **ECOLOGICALLY ACCEPTABLE MACHINING OF POLYMER MATERIALS**
3. TIHANA KOSTADIN, NIKOLA ŠIMUNIĆ, SRĐAN MEDIĆ, DOMAGOJ JURČIĆ: **PROPERTIES OF BIOCOMPATIBLE MATERIALS**
4. NIKOLA ŠIMUNIĆ, TIHANA KOSTADIN, IVANA STIPANIČIĆ, IVANA GRGURIĆ: **SAFETY MEASURES IN ADDITIVE MANUFACTURING**
5. JOSIP HOSTER, ANDRIJA BERISLAVIĆ: **SAFETY ASPECTS OF STRAIGHTNESS DEVIATION OF COLUMNS ACCORDING TO EN 10034:1993**
6. JOSIP HOSTER, ANDRIJA BERISLAVIĆ, ANTUN RADEČIĆ: **INCREASING STABILITY AND SAFETY OF THIN-WALLED HOLLOW SECTIONS BY PRESTRESSED INSERTS**
7. LIDIJA LJ. JOLESKA BURESKA, SUZANA ZIKOVSKA, CVETANKA T. MITREVSKA: **RISKS FACED BY WORKERS DURING THERMAL POWER PLANT MAINTENANCE**
8. KATARINA ČAVLOVIĆ, SLAVEN LULIĆ, MARIO FANJAK: **BIOLOGICAL EFFECTS OF ELECTROMAGNETIC FIELDS**
9. GORAN ŠARIĆ: **SPECIFICS OF OCCUPATIONAL SAFETY IN SMALL AND MICRO BREWERIES**
10. ANAMARIJA KIRIN, VANESA SARVAŠ, KATARINA ČAVLOVIĆ, FILIP ŽUGČIĆ, SLAVEN LULIĆ: **ULTRAVIOLET RADIATION: PROTECTION AND APPLICATIONS**
11. FILIP ŽUGČIĆ, MARIO FANJAK, IVAN ŠTEDUL: **AVERAGE DAILY SUNSHINE AND CLOUD COVER AS A GUIDE TO PRODUCTION AT SOLAR POWER PLANT "VUK"**

12. TOMISLAV BOŽIĆ, ZVONIMIR ORNIK,
TOMISLAV ŠANČIĆ: **MAINTENANCE
OF INDUSTRIAL CUTTING LASERS
AND THE INFLUENCE OF POOR
MAINTENANCE ON MACHINE
OPERATION**

MULTIDISCIPLINARY ASPECT

1. KRUNOSLAV PINTUR, TOMISLAV DUMIĆ,
RELJA BECK: **THE IXODES RICINUS TICK
– THE VECTOR OF HUMAN BABESIA IN
CROATIA AND EUROPE**
2. KREŠIMIR MALARIĆ, BOSILJKA
ŠARAVANJA, TANJA PUŠIĆ, IVAN
LENIČEK, DAMIR ILIĆ: **BLUETOOTH IN
OFFICE ENVIRONMENT**
3. DAMIR HODŽIĆ, ERMIN BAJRAMOVIĆ,
EMIR BAJRAMOVIĆ: **ARTIFICIAL
INTELLIGENCE IN THE IMPROVEMENT
OF SAFETY AT WORKPLACE**
4. MARKO OŽURA, NINA POPOVIĆ, ZRINKA
MESIĆ: **POTENTIAL RISKS OF INVASIVE
ALIEN PLANTS IN HISTORIC CENTRE OF
KARLOVAC**

FIRE AN EXPLOSION PROTECTION

1. ŽELJKA POTOČNJAK, MAJA TREČIĆ,
ZVONIMIR MATUSINOVIĆ: **ANALYSIS OF
THE GAS CRISIS IN RAB**

SOCIAL AND HUMANISTIC ASPECTS

1. TIHANA CEGUR RADOVIĆ, DIJANA BENKO,
LORA VUCELIĆ: **WHAT MOTIVATES
VISITORS TO VISIT HUNTING LODGE
MULJAVA? – VISITOR MOTIVATION,
SATISFACTION, LOYALTY AND
SUSTAINABLE DEVELOPMENT**

2. VESNA NIKOLIĆ, SRĐAN GLIŠOVIĆ, IVAN
MIJAILOVIĆ: **OCCUPATIONAL SAFETY IN
THE MODERN BUSSINES CONTEXT**
3. DUBRAVKA KRIVAČIĆ, SILVIJA ŠPEHAR:
**OCCUPATIONAL HEALTH AND SAFETY
COSTS ACCOUNTING**
4. IVANA ILIĆ KRSTIĆ, DANIJELA
AVRAMOVIĆ, ANICA RANĐELOVIĆ:
**ANALYSIS OF SOCIO-DEMOGRAPHIC
CHARACTERISTICS OF INJURIES AT
WORKPLACE FOR THE 2022 YEAR IN
SERBIA**
5. ANAMARIJA ŠINKOVAC, IVANA VARIČAK:
**ASPECTS OF CORPORATE SOCIAL
RESPONSIBILITY IN THE BANKING
SECTOR OF THE REPUBLIC OF CROATIA**
6. ZORAN VUČINIĆ, MANUELA ŽAKULA:
**SECURITY MANAGEMENT SYSTEMS
DURING AN EARTHQUAKE**
7. BRANKO ZLOMISLIĆ, ZVONIMIR
MATUSINOVIĆ, ZORAN VUČINIĆ, LIDIJA
JAKŠIĆ, IGOR PETERNEL: **ASSISTANCE
TO PERSONS WITH DISABILITIES IN
CRISIS SITUATIONS**
8. MANUELA ŽAKULA, ANDREJA PRIMUŽAK,
NIKOLA TURINA, MIRJANA CIBULKA:
**THE IMPORTANCE OF INTERPERSONAL
RELATIONS IN THE FIREFIGHTING
PROFESSION**

ENVIRONMENTAL PROTECTION

1. NENAD LORKOVIĆ, MARINA TEVČIĆ,
DOMAGOJ OPAČAK: **SAFETY
PRECAUTIONS IN ENVIRONMENT
CONTAMINATED WITH H2S**
2. LIDIJA JAKŠIĆ, MARTA MARKOTA: **THE
EFFECTS OF MICROPLASTICS ON
HUMAN HEALTH AND ENVIRONMENT**

Room Veliki
Donat

ROUND TABLE

THURSDAY
19 Sept. 2024

16:30 – 18:00

Moderators: Igor Salopek

Topic:

"MENTAL HEALTH AT WORK"

Presenters:

Nataša Jokić Begić
Ivana Todorčić Laidlaw
Ines Galetić
Igor Salopek

FRIDAY 20 September 2024

Room Veliki
Donat

INVITED PAPERS

FRIDAY
20 Sept. 2024

9:30 – 11:00

Moderators: Mateja Petračić, Lidija Jakšić

1. SANDRA FLINČEC GRGAC: **DEVELOPMENT OF TEXTILES FOR USE IN THE HOSPITAL ENVIRONMENT**
2. SLAVICA BOGOVIĆ: **THE INFLUENCE OF DYNAMIC ANTHROPOMETRY ON THE DESIGN OF PROTECTIVE CLOTHING**
3. MARIJA GROZDANOVSKA, MILENA SPASOVSKA: **WORKPLACE HARASSMENT (MOBBING): LEGAL FRAMEWORK AND CHALLENGES FOR THE REPUBLIC OF NORTH MACEDONIA**

Section 7

Room Veliki
Donat

SOCIAL AND HUMANISTIC ASPECT

FRIDAY
20 Sept. 2024

11:30 – 13:00

Moderators: Ana Rački Marinković, Marinko Đ. Učur

1. MARINKO Đ. UČUR: **THE COMPLEXITY AND SPECIFICITY OF THE WORK OF PORT WORKERS IN SEAPORTS REQUIRES SPECIAL REGULATIONS FOR THEIR SAFETY AND HEALTH PROTECTION AT WORK**
2. ANA RAČKI MARINKOVIĆ: **CAN PORTUGUESE TEENAGERS SUE CROATIA OVER CLIMATE INACTION? - RECENT CLIMATE CHANGE LITIGATION IN EUROPE**
3. SUAN ISLAMOVIĆ, NIKOLA FINDRIK, FADIL ISLAMOVIĆ: **NORMATIVE FRAMEWORK ON OCCUPATIONAL SAFETY IN GREAT BRITAIN**
4. ELIZABETA KRSTIĆ VUKELJA: **QUALITY MANAGEMENT SYSTEMS IN THE AREAS OF OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENT USING FMEA METHOD FOR PATIENT SAFETY RISK MITIGATION**
5. TATJANA ČUMPEK: **WHAT IS RISK?**
6. ZORAN MARJANOVIĆ, MARIJA MIČOVIĆ, ALEKSANDAR TERZIĆ: **PROTECTION AND RESCUE SYSTEM OF THE REPUBLIC SERBIA**

Section 8

ENVIRONMENTAL PROTECTION

FRIDAY
20 Sept. 2024

Room Mali Donat

11:30 – 13:00

Moderators: Draženka Birkić, Nenad Mustapić

1. NENAD MUSTAPIĆ, TONI KRALJ: **OPTIMIZATION AND ANALYSIS OF THE ORGANIC RANKINE CYCLE FOR COMBINED HEAT AND POWER PRODUCTION FROM GEOTHERMAL SOURCES**
2. DRAŽENKA BIRKIĆ, DIJANA BENKO: **ECO-LABELLING OF HOSPITALITY FACILITIES OWNED BY HRVATSKE ŠUME D.O.O.**
3. ASMIRA BEĆIRAJ: **ENVIRONMENTAL DAMAGE - CHOICE OF APPLICABLE LAW**
4. FILIP KOVAČIĆ, MIRSADA ČEHIĆ: **THE EU'S GREEN DEAL: CAN IT CURB EMISSIONS IN NEW MEMBER STATES LIKE CROATIA?**
5. NENAD MUSTAPIĆ, TONI KRALJ: **DEFINING THE STANDARD CONTENT OF THE PRE-FEASIBILITY STUDY FOR GEOTHERMAL POWER PLANTS BASED ON THE ORGANIC RANKINE CYCLE**
6. MLADENA LUKIĆ, TATJANA GOLUBOVIĆ, ŽARKO ČOJBAŠIĆ, DRAGAN MARKUSHEV: **ADVANCING ENVIRONMENTAL AND OCCUPATIONAL SAFETY: TRACE GASES DETECTION BY PHOTOACOUSTICS AND MACHINE LEARNING IMPLEMENTATION**

Room Veliki
Donat

ROUND TABLE

FRIDAY
20 Sept. 2024

14:30 – 16:30

Moderators: Muhidin Omerdić

Topic:

"OHS IN THE DIGITAL AGE – ARE WE READY?"

Presenters:

Marina Borić
Dražen Kapusta
Borivoj Žmegač
Muhidin Omerdić

NOTES

[illegible]

NOTES

[illegible]

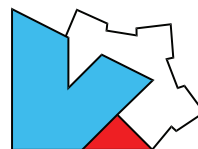
NOTES

This image shows a single page from a notebook or ledger. It features approximately 20 evenly spaced, thin grey horizontal lines running across the width of the page. The background is plain white, and there are no margins, text, or other markings present.

Sponsors



Web ZNR



Odjel inspekcije sigurnosnih ventila i tlačna proba opreme pod tlakom



HR - 47 000 KARLOVAC, Ul. V. Nazora 8



Organizers:

Karlovac University of Applied Sciences
Instituto Politécnico de Beja

University of Niš, Faculty of Occupational Safety

International Slavic University G.R. Derzhavin, Faculty of safety engineering

University of Ljubljana, Faculty of Chemistry and Chemical Technology