

10th INTERNATIONAL CONFERENCE: MANAGEMENT AND SAFETY
CONFERENCE THEME: STRESS MANAGEMENT AND SAFETY

M&S 2015

Opatija, Croatia
June 12th and 13th, 2015

www.european-safety-engineer.org



Opatija, Croatia

Remisens Premium Hotel Admiral
www.remisens.com/hr/hotel-admiral

June 12th and 13th, 2015

10th INTERNATIONAL CONFERENCE
MANAGEMENT AND SAFETY

M&S 2015

www.european-safety-engineer.org

CONFERENCE THEME
STRESS MANAGEMENT AND SAFETY

PROGRAM CYCLE
MODERN MANAGEMENT CONCEPTS AND SAFETY

The European Society of Safety Engineers
Society of Safety Engineers Ljubljana
Faculty of Management, University of Primorska
Faculty of Applied Security, University Educons

CONTENTS

- INTRODUCTION
- ORGANIZERS
- OFFICIAL CAMPAIGN PARTNER
- INTERNATIONAL CONFERENCE MANAGEMENT
- INTERNATIONAL PROGRAM COMMITTEE
- INTERNATIONAL ORGANIZING COMMITTEE
- MEDIA PARTNERS
- CONTACT
- PAPERS
- PUBLISHED
- AUTHORS
- AUTHORS ORGANIZATIONS
- VENUE AND ACCOMMODATION
- CONFERENCE PROGRAM
- CONFERENCE PARTICIPANTS FEE
- CONFERENCE PARTICIPANTS APPLICATION

INTRODUCTION

Conference "Management and Safety M&S" reached 10th anniversary edition due to loyal authors and participants and hereby joined the rank of successful traditional and international scientific and professional conferences.

The conference has a successful history, and also a promising future: human, social and economic aspects of safety, the constant emergence of new risks, and thus the need for effective and preventive measures and forms of protection, and, above all, the need for international cooperation in research and development of safety management.

Since the first conference held 2006th year (M&S 2006) to the 10th Conference (M&S 2015) gathered a total of 1,655 authors and participants: presented a total of 483 papers, which were reviewed and categorized as scientific and professional papers published in full in the printed proceedings of a total of 4,975 pages.

In the last five years the cycle program: "Basic functions of management and safety" (M&S 2010 - M&S 2014) covered the following topics: "Planning and Safety", "Organization and safety", "Human Resources Management and Safety", "Management and Safety" and "Controlling and Safety". The program cycle presented relationship of safety and basic functions of management, thoroughly and in a unique way in global terms of the profession and science of management and safety. Previously, conferences on the topics: "Integrated Management System" (M&S 2008) and "Crisis Management" (M&S 2009) were also held.

A new five-year program cycle conference titled "Modern concepts of management and safety" was determined with the annual theme: "Stress management and Safety" (M&S 2015), "Sustainable development and Safety" (M&S 2016), "Knowledge management and Safety" (M&S 2017), "Project and processes management and Safety" (M&S 2018) and "Safety information systems management" (M&S 2019). Those themes are a real challenge for international cooperation on scientific research and development projects, solving problems and providing models of synergy of modern concepts of management and safety of people, property and the environment.

The 10th International Conference "Management and Safety - M&S 2015" covers the current topic "Stress management and Safety". Stress management is also a topic of two years (2014th-2015th) campaign of The European Agency for Safety and Health at Work (OSHA). This creates an opportunity for the Conference M&S 2015 and its organizers, as well as all the authors and participants in the Conference to be partners of this campaign.

ORGANIZERS

ORGANIZER

The European Society of Safety Engineers

<http://www.european-safety-engineer.org>

EUROPEAN
SAFETY
ENGINEER

CO-ORGANIZERS

Society of Safety Engineers Ljubljana

Slovenia

<http://www.mi-pa.si/dvi/>



Faculty of Management, University of Primorska

Slovenia

<http://www.fm-kp.si>



Univerza na Primorskem
Fakulteta za management

Faculty of Applied Security, University Educons

Serbia

<http://www.educons.edu.rs/fakulteti/fakultet-za-primenjenu-bezbednost>



FAKULTET
ZA PRIMENJENU BEZBEDNOST

OFFICIAL CAMPAIGN PARTNER

Healthy
Workplaces

manage



stress



European Agency
for Safety and Health
at Work



Healthy Workplaces

INTERNATIONAL CONFERENCE MANAGEMENT

Vesna Nikolić, Ph.D.

Serbia

President of the International Program Committee

vesna.nikolic@european-safety-engineer.org

Miran Pavlič

Slovenia

President of the International Organizing Committee

miran.pavlic@european-safety-engineer.org

Josip Taradi

Croatia

Secretary of the Conference

ms2015@european-safety-engineer.org

INTERNATIONAL PROGRAM COMMITTEE

President of the International Program Committee

Vesna Nikolić, Ph.D

Serbia

Members of the International Program Committee (alphabetical order)

Branislav Anđelković, Ph.D., Serbia

Branko Babić, Ph.D., Serbia

Žarko Janković, Ph.D., Serbia

Zdravko Krakar, Ph.D., Croatia

Ivana Krišto, Croatia

Mirko Markič, Ph.D., Slovenia

Maja Meško, Ph.D., Slovenia

Darko Palačić, Croatia

Miran Pavlič, Slovenia

Jiří Pokorný, Ph.D., Czech Republic

Vesela Radović, Ph.D., Serbia

Suzana Savić, Ph.D., Serbia

Nikolina Smajla, Croatia

Dragan Spasić, Ph.D., Serbia

Miomir Stanković, Ph.D., Serbia

Jože Šrekl, Ph.D., Slovenia

Josip Taradi, Croatia

Ivana Varičak, Croatia

Leon Vedenik, Slovenia

Branko Wasserbauer, Ph.D., Croatia

Snežana Živković, Ph.D., Serbia

INTERNATIONAL ORGANIZING COMMITTEE

President of the International Organizing Committee

Miran Pavlič

Slovenia

Members of the International Organizing Committee (alphabetical order)

Jernej Jenko, Slovenija

Danuše Kratochvílová, Czech Republic

Ivan Mance, Croatia

Slobodan Marenić, Croatia

Borče Stojčevski, Macedonia

Ana Šijaković, Croatia

Neven Taradi, Croatia

David Tomović, Serbia

MEDIA PARTNERS

A&S ADRIA

<http://asadria.com>



DELO & VARNOST

<http://www.zvd.si/zvd/narocila-prijave/drugo>



Revija Delo in varnost

ZAŠTITA

<http://www.zastita.info>



CONTACT

M&S 2015 Conference website:

<http://www.european-safety-engineer.org>

M&S 2015 Conference e-mail:

ms2015@european-safety-engineer.org

PAPERS

42 papers

- 30 scientific papers.
- 12 professional papers.

PUBLISHED

- Published in the printed proceedings: **Management and Safety - M&S 2015**
- Proceedings pages: 420
- Publisher: The European Society of Safety Engineers
- ISBN 978-953-58000-3-3
- UDC 005:614.8

AUTHORS

6 countries

Bosnia and Herzegovina
Croatia
Czech Republic

Serbia
Slovenia
Turkey

21 cities

Beograd
Čakovec
Izmir
Koper
Koprivnica
Ljubljana
Mostar
Murska Sobota
Niš
Novi Sad
Osijek

Ostrava
Pula
Rijeka
Rovinj
Split
Stara Pazova
Šibenik
Trilj
Velika Gorica
Zagreb

71 authors

1. Anđelković Branislav
2. Babić Branko
3. Bačelić Joško
4. Bilban Marjan
5. Blazkova Katerina
6. Budimir Šoško Gabrijela
7. Buntak Krešimir
8. Cvetanović Boban
9. Cvetković Dragana
10. Čabarkapa Milanko
11. Čolaković Edin
12. Delišimunović Davor
13. Dimitrijević Staniša
14. Ercan Pinar
15. Grošanić Nevenka
16. Gudelj Ante
17. Hadžistević Miodrag
18. Haramustek Zlatko
19. Ilić Petković Aleksandra
20. Ilić-Krstić Ivana
21. Ilijev Ivajlo
22. Ivančić Mia
23. Janković Nikola
24. Janković Žarko
25. Juras Damir
26. Kapusta Dražen
27. Kenđel Marija
28. Kodrić Borut
29. Komazec Nenad
30. Kovač Cvetan
31. Krajčak Ines
32. Kratochvilova Danuše Jr
33. Krišto Ivana
34. Kukec Andreja
35. Labaš Davor
36. Lipnjak Gorana
37. Logar Marjeta
38. Longin Peš Vinka
39. Marenić Slobodan
40. Markič Hrast Silvana
41. Markič Mirko
42. Mert Bulut
43. Mihaljević Branko
44. Milošević Anica
45. Mlađan Dragan
46. Mravak Marica
47. Nedeljković Slađana
48. Nikolić Vesna
49. Obrenović Joviša
50. Orlović Ante
51. Palačić Darko
52. Pavlič Miran
53. Penić Sirak Matea
54. Perčin Ante
55. Perić Dragan
56. Petar Saša
57. Petković Aleksandra
58. Pokorni Jiri
59. Stanić Željko
60. Subanović Vladimir
61. Šegedin Sandro
62. Šijaković Ana
63. Šoškić Svetislav
64. Šrekl Jože
65. Taradi Josip
66. Todorović Miliša
67. Učur Đ. Marinko
68. Vedenik Leon
69. Veljković Milan
70. Zoraja Bojana
71. Živković Snežana

AUTHORS ORGANIZATIONS

40 organizations

- Universities, faculties, colleges, government organizations, business organizations, societies.
1. Akademija sigurnosnih i policijskih studija Beograd
 2. AKD-Zaštita d.o.o.
 3. Centar za psihoterapiju Anima plus
 4. Det Norske Veritas Adriatica d.o.o.
 5. Ege University Izmir
 6. Fire and Rescue Service of the Moravian-Silesian Region
 7. HOPS d.o.o. Zagreb, Prijenosno područje Osijek
 8. HOPS d.o.o., Zagreb
 9. Hrvatski zavod za zaštitu zdravlja i sigurnost na radu
 10. Hrvatski zavod za zdravstveno osiguranje
 11. JKP Niš
 12. Mediteran Horizonti & GEM New York
 13. Međimurske vode d.o.o.
 14. Ministarstvo unutarnjih poslova Republike Hrvatske
 15. Ministrstvo za notranje zadeve Republike Slovenije
 16. MUP RH, Policijska akademija, Visoka policijska škola
 17. Muraplast d.o.o.
 18. Nacionalni inštitut za javno zdravlje
 19. Politehnika Pula, Visoka tehničko-poslovna škola s pravom javnosti
 20. Porezna uprava Federacije BiH - OOI Mostar
 21. Republički sindikat radnika Hrvatske
 22. Sokol Marić d.o.o.
 23. Sveučilište Sjever
 24. Sveučilište u Rijeci, Pravni fakultet
 25. The European Society of Safety Engineers
 26. Tim protekt d.o.o.
 27. Univerza na Primorskem, Fakulteta za management Koper
 28. Univerza v Ljubljani, Fakulteta za kemijo in kemijsko tehnologijo
 29. Univerza v Ljubljani, Medicinska fakulteta
 30. Univerzitet u Beogradu, Filozofski fakultet
 31. Univerzitet u Nišu, Fakultet zaštite na radu
 32. Univerzitet u Nišu, Filozofski fakultet
 33. Univerzitet u Novom Sadu, Fakultet tehničkih nauka
 34. Univerzitetni klinični center Ljubljana
 35. Veleučilište Velika Gorica
 36. Visoka škola Nikola Šubić Zrinski
 37. Visoka škola za sigurnost, s pravom javnosti
 38. Visoka tehnička škola Niš
 39. Visoka tehnička škola strukovnih studija Novi Sad
 40. Vojna akademija Beograd

VENUE AND ACCOMMODATION

Opatija, Croatia

<http://www.opatija.net/>

Situated below the mountain and Nature Park Učka, Opatija is a great choice for a vacation in summer and winter season. Beautiful nature, climate, parks, hotels & old Austrian villas, seaside promenade and beaches attract tourists from Europe and all over the world for more than 160 years. Opatija is the leading tourist destination in the Republic of Croatia for the organization of conventions.

Getting to Opatija is easy! Opatija is a 5 hours drive from major cities of southern and central parts of Europe. By plane Opatija can be reached from over 5 international airports less than 2 hours of transfer.



Remisens Premium Hotel Admiral****

www.remisens.com/hr/hotel-admiral

Located just a short walk from the city center, Remisens Hotel Admiral Opatija is situated right on the Adriatic Sea and Lungomare coastal promenade. Overlooking the marina in Opatija, Remisens Hotel Admiral is a four star hotel providing ideal accommodation for the sailing enthusiast. Remisens Hotel Admiral's exterior architecture has a sleek, modern look while the interior is bright and spacious.

The hotel amenities are excellent. Spend a day at the outdoor pool with sunbathing area raised above the sea and take in some marvelous views. The SPA zone includes an indoor swimming pool, whirlpools, saunas and a fitness center. Sample regional dishes and wine at the a la carte restaurant's summer terrace. Remisens Hotel Admiral is the host to the only marina in Opatija. The Admiral's fully-equipped conference hall is perfect for professional events.

Remisens Hotel Admiral Opatija is one of the leading congress hotels in the area for business events and conferences. The hotel's largest hall can hold up to 160 participants comfortably, while the three smaller rooms have a capacity between 20 and 100 people. The rooms are flexible and can easily be converted in order to satisfy the needs of your convention, meeting or seminar.



Reservation

Tel: +385 51 710 444

Fax: +385 51 710 399

E-mail: reservations@remisens.com

www.remisens.com/hr/hotel-admiral

CONFERENCE PROGRAM

The First day
Friday, June 12th, 2015

Opatija, Croatia
 Remisens Premium Hotel Admiral

9:00-10:00	Accreditation of Conference participants Division of Conference materials	Conference room lobby
10:00-10:45	Conference opening	Room 1
	Conference Management: Vesna Nikolić, Miran Pavlič, Josip Taradi	
	<ul style="list-style-type: none"> • Arts program • Miran Pavlič, President of the International Organizing Committee • Vesna Nikolić, President of the International Program Committee • Josip Taradi, Secretary of the Conference • Representatives of the organizers and co-organizers • Guests 	
10:45-11:30	Invited lectures	Room 1
	Leader: Vesna Nikolić, Assistant: Jernej Jenko	
	<ol style="list-style-type: none"> 1. Edin Čolaković: Razvoj sigurnosnog menadžmenta kao modela, procesa i sustava upravljanja stresom 2. Branko Babić: Stres i vanredne situacije 3. Jože Šrekl: Vpliv stresnega dela na počutje policistk <ul style="list-style-type: none"> • Discussion 	
11:30-12:00	Pause	Conference room lobby Hotel terrace
12:00-13:45	Opening plenary lectures	Room 1
	Leader: Jože Šrekl, Assistant: Ivana Krišto	
	<ol style="list-style-type: none"> 4. Marinko Đ. Učur: Nomotehničke pretpostavke za autonomno reguliranje upravljanja stresom 5. Jiří Pokorný, Danuše Kratochvílová, Jr.: Stress of the officers of prevention and civil emergency preparedness section 6. Marjeta Logar, Borut Kodrič, Miran Pavlič, Mirko Markič: Dejavniki stresa na delovnem mestu in njihov vpliv na zdravstveni absentizem 7. Žarko Janković, Vesna Nikolić, Branislav Anđelković, Aleksandra Petković: Tehničko-tehnološki razvoj i stres na radnom mestu 8. Joško Bačelić: Organizacijski elementi u funkciji prevencije stresa 9. Marjan Bilban, Andreja Kuček: Stres na delovnem mestu: stanje in izzivi za management 10. Gabrijele Budimir Šoško, Saša Petar, Krešimir Buntak: Povezanost između simptoma fizičkog i psihičkog stresa i izloženosti mobingu na radnom mjestu <ul style="list-style-type: none"> • Discussion 	
13:45-14:00	Group photo of the participants	Hotel terrace
14:00-16:00	Lunch	Hotel restaurant

	Section A	Room 1
	Leader: Branko Babić, Assistant: Danuše Kratochvílová Jr	
16:00-18:00	11. Nenad Komazec, Branko Babić, Svetislav Šoškić: Prevenција stresa u vanrednim situacijama primenom procene rizika 12. Danuše Kratochvílová, Jr., Kateřina Blažková, Jiří Pokorný: Training and education of population in the Czech Republic - Systematic training of pupils, students and teachers in the threat zones in the Moravian-Silesian region 13. Davor Delišimunović: Poslovna sigurnost – Model smanjivanja stresa pri poslovnom upravljanju 14. Mia Ivančić: Fiziološki i bihevioralni induktori sustava sigurnosti u fazi promptnog odaziva na kriznu situaciju 15. Branko Mihaljević, Matea Penić Sirak: Upravljanje stresom u vrijeme krize - kako osigurati učinkovitu komunikaciju pod pritiskom 16. Snežana Živković, Dragan Mlađan, Ivana Ilić-Krstić: Analisis of the ned for psychological help for professional firefighters/rescuers 17. Ines Krajčak, Sandro Šegedin: Prevenција stresa u poslovnicama novčarskih institucija 18. Damir Juras, Marica Mravak: Polijski službenici i mobing 19. Ante Perčin: Prepad u novčarskoj instituciji i participacija stresa u obrambenim radnjama i aktivnostima 20. Cvetan Kovač: Djelovanje udruge žrtava oružanih prepada 21. Bulut Mert, Pinar Ercan: Work-related stress among market personnel 22. Slobodan Marendić: Vijeće za prevenciju kriminaliteta – dobra strana organizacijskih promjena • Discussion	
18:00-19:00	The Assembly of the European Society of Safety Engineers	Room 1
19:00-20:00	Free time	Opatija
20:00-21:00	Dinner	Hotel restaurant
21:00	Free time (Night walks through Opatija)	Opatija

The Second day
Saturday, June 13th, 2015

Opatija, Croatia
 Remisens Premium Hotel Admiral

	Section B	Room 1
	Leader: Ana Šijaković, Assistant: Neven Taradi	
9:00-11:00	<p>23. Ivana Krišto, Vinka Longin Peš, Dražen Kapusta, Ana Šijaković: Upravljanje stresom na radu: iskustva timova medicine rada i stručnjaka zaštite na radu</p> <p>24. Dragan Perić: Stres na radnom mestu radnika koji rade u okviru službe za održavanje puteva</p> <p>25. Darko Palačić, Miliša Todorović: Oblici narušavanja psihičkog i moralnog integriteta čovjeka u radnoj sredini</p> <p>26. Slađana Nedeljković: Postupak procjene i upravljanje rizikom</p> <p>27. Gorana Lipnjak: Upravljanje psihosocijalnim rizicima pomoću norme OHSAS 18001</p> <p>28. Milan Veljković, Snežana Živković, Joviša Obrenović: Stres iz životnog okruženja i njegov uticaj na psihičko zdravlje</p> <p>29. Marija Kendel, Nikola Janković: Stres kao uzročnik ozljeda na radu u industriji</p> <p>30. Pinar Ercan, Bulut Mert: The research on occupational stress among workers in food seasoning factories</p> <p>31. Leon Vedenik: Mobing v javnem sektorju</p> <p>32. Zlatko Haramustek, Željko Stanić, Ana Šijaković: Stres pri vođenju i održavanju elektroenergetskih postrojenja</p> <ul style="list-style-type: none"> • Discussion 	
11:00-11:30	Pause	Conference room lobby Hotel terrace
	Closing plenary lectures	Room 1
	Leader: Vesna Nikolić, Assistant: Miran Pavlič	
11:30-13:00	<p>33. Vesna Nikolić, Josip Taradi: Razvoj ljudskih resursa i obuka u funkciji upravljanja stresom na radnom mestu</p> <p>34. Aleksandra Ilić Petković: Workplace bullying and employment discrimination as a cause of stress at work – Legal regulation and the experience of The Republic of Serbia</p> <p>35. Bojana Zoraja, Miodrag Hadžistević, Milanko Čabarkapa: Psihološki aspekti reagovanja učesnika u vanrednim situacijama</p> <p>36. Ante Orlović, Davor Labaš, Ante Gudelj: Stres u policiji – Percipirani izvori stresa policijskih službenika (profesija, organizacija, menadžment)</p> <p>37. Staniša Dimitrijević, Ivajlo Ilijev, Dragana Cvetković: Detektovanje psihosocijalnih uzroka stresnih stanja kadrova u poslovnom sistemu</p> <p>38. Vladimir Subanović: Korištenje analitičkih tehnika za procjenu rizika od stresa</p> <p>39. Boban Cvetanović, Staniša Dimitrijević, Dragana Cvetković: Uticaj stresa na uspeh studentske populacije</p> <p>40. Anica Milošević: Uticaj stresa na radnike u industriji</p> <p>41. Miran Pavlič, Borut Kodrič, Silvana Markič Hrast, Mirko Markič: Stres med strokovnimi delavci za varnost pri delu v Sloveniji</p> <p>42. Josip Taradi, Vesna Nikolić, Branislav Anđelković, Ana Šijaković, Nevenka Grošanić: Stres na poslovima stručnjaka za zaštitu na radu</p> <p>Discussion</p> <p>Conclusion</p>	
13:00-14:00	Lunch	Hotel restaurant
15:00	Free time (walking, swimming)	Opatija

CONFERENCE PARTICIPANTS FEE

- Registration fee for the participants of the Conference (which are not authors): HRK 850.00 (payment from Croatian) or EUR 110.00 (payment outside Croatian).
- Deadline for payment of participants fee: June 8th 2015

Europsko društvo inženjera sigurnosti
(The European Society of Safety Engineers)

Raiffeisenbank Austria d.d.

IBAN: HR5124840081106807940

OIB (VAT): 96965365662

SWIFT (BIC): RZBHHR2X

PDV ID: HR96965365662

Payment description: M&S 2015 Participant Name Surname

CONFERENCE PARTICIPANTS APPLICATION

- E-mail: ms2015@european-safety-engineer.org
- Personal data: Name and Surname, e-mail, phone number.
- Account data: Name and Surname or Organization name, Personal identity number (VAT), Address.
- Deadline for application: June 8th, 2015
- Application form: <http://www.european-safety-engineer.org>



THE EUROPEAN SOCIETY OF SAFETY ENGINEERS