



Co-funded by the Prevention of and Fight
against Crime Programme of the European Union

22nd ENFSI DWG meeting, Bled Slovenia, May 2016

HIGHLIGHTS



Compiled by Sonja Klemenc , September 2016

sonja.klemenc@policija.si

MNZ GPU, National Forensic Laboratory – chemistry department, Vodovodna 95, 1000 Ljubljana, Slovenia

ENFSI DWG MEETING AT A GLANCE

RESPONSE project task: WS 2.5 (organization of the meeting in close cooperation with DWG steering committee; working days May 10th- May 12th, 2016)

Goal - aim: The aim of the meeting was to gather scientists from European Forensic Laboratories and guests from other relevant organizations all over the world, willing to share their thoughts, knowledge, skills, good practices and research projects in the area of forensic drug investigation.

Host: The National forensic laboratory of the Slovenian Ministry of the Interior – Police (Dr. Sonja Klemenc)

Programme subcommittee: Dr. Nataša Radosavljević Stevanović – chair person (Serbia), Mr. John Power (Ireland), Dr. Katja Benčina (Slovenia), Dr. Sonja Klemenc (Slovenia)

ENFSI DWG steering committee: Dr. Udo Zerell - chair man (Germany), Dr. Irene Breum Müller (Denmark), Mrs. Ulla-Maija-Laakkonen (Finland), Dr. Nataša Radosavljević Stevanović (Serbia), John D. Power (Ireland), Mr. Fraser Johnstone (UK, England)

Number of participants: Over 80 registered scientists from 34 countries participated (see the link below)


Meeting programme, book of abstracts and list of attendees:

<http://www.policija.si/eng/images/stories/GPUNFL/PDF/2016/20160503-ProgrammeAndBookOfAbstracts.pdf>

Meeting evaluation – see at:


http://www.policija.si/eng/images/stories/GPUNFL/PDF/2016/ENFSI-DWG_Bled2016_Meetings_Evaluation_Summary.pdf

Meeting announcement (web page was ready in October 2015)



22nd ENFSI Drugs Working Group Meeting

May 10th - 12th, 2016 in Bled, Slovenia



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Welcome

The [National Forensic Laboratory](#) (NFL) of the Slovenian Ministry of the Interior - Police has the great pleasure and honor to invite you to the **22nd ENFSI Drugs Working Group (ENFSI DWG) Meeting** taking place from **May 10th - 12th, 2016** in [Bled](#) in the beautiful Alpine part of [Slovenia](#), not far from our capital city Ljubljana.

[Read more](#)




Location

All activities of 22nd ENFSI Drugs Working Group Meeting will take place in [Hotel Golf](#), Bled, Slovenia.



Important dates

- Registration opens: **December 2015**
- Abstract submission deadline: **March 30th 2016**
- Early registration deadline: **March 30th 2016**



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Location (Slovenia, Bled)

About Slovenia

Slovenia is a **green and diverse** country, lying between the **Alps**, the **Mediterranean**, and the **Pannonian plain** and embracing all the beauties of the old continent. In the north it borders Austria, in the east Hungary, in the south Croatia and Italy in the west.

Slovenia is a member of **Schengen area** meaning there is free transition with all boundaries except Croatia.



Facts about Slovenia

Area	20.273 m ²
Population	2 million
Language	Slovene
Currency	Euro (€)
GDP	18.074 EUR per capita (2014)
Capital	Ljubljana
Political system	multiparty parliamentary democracy
Electricity	220 V - 50 Hz



About Bled

With immense natural beauty, Bled, together with its surroundings, ranks among the most beautiful alpine resorts, renowned for its mild, healing climate and thermal lake water. The beauty of the mountains reflected on the lake, the sun, the serenity and the fresh air arouse pleasant feelings in visitors throughout the year, guaranteeing an ideal base or a relaxing break or an active holiday.



Bled attracts businessmen, artists, athletes, explorers, sport enthusiasts, the old and the young, from all over the world, enchanting them to return again and again.

Climate

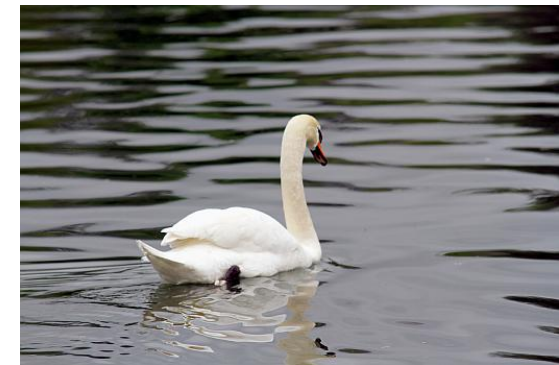
Bled's is a mild, healthy sub-Alpine climate with the longest swimming season of any Alpine resort. The ridges of the Julian Alps and the Karavanke protect it from the chilly northern winds. During the summer months there is no fog. The average monthly temperature in July is 18,7°C and in January -1,2°C.



[Your gateway to information on Slovenia](http://www.slovenia.si)
[\(\[www.slovenia.si\]\(http://www.slovenia.si\)\)](http://www.slovenia.si)

<http://www.bled.si/en/>





Opening of the meeting (Tuesday)

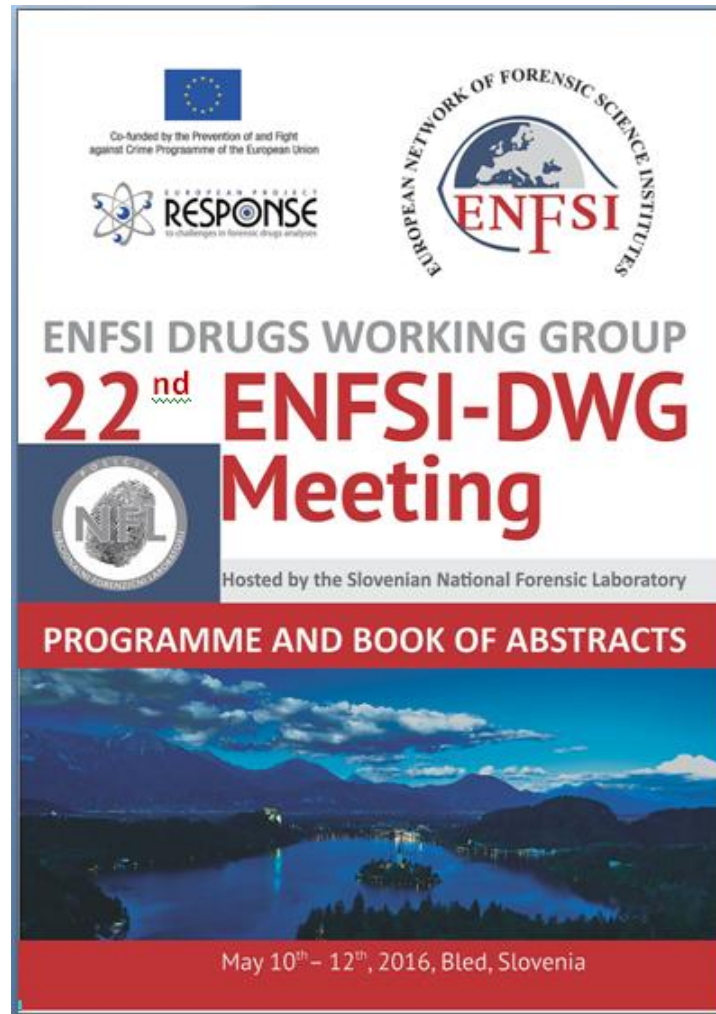


Dr. Sonja Klemenc (host) and Dr. Udo Zerell (DWG chair)



DWG steering committee

Presentations (Tuesday, Wednesday and Thursday)



Presentations – oral



02 – The EU-project ‘SPICE-profiling’ (ISEC 2013) - general aims and results of an in depth study on the synthetic cannabinoid MDMB-CHMICA - **Michael Pütz^a**, Sascha Münster-Müller^a, Nicole Scheid^a, Volker Auwärter^b, Laurence Dujourdy^c, ^aFederal Criminal Police Office (BKA), Forensic Science Institute, Toxicology, Germany, ^bUniversity Medical Center, Institute of Forensic Medicine, Freiburg, Germany, ^cNational Police Science Institute (INPS), France

01 – EU co-funded project »RESPONSE to new challenges in forensic drug analyses« - objectives and some selected results - **^aSonja Klemenc**, ^bJanez Košmrlj; ^aNational Forensic Laboratory, Slovenia ^bUniversity Ljubljana, Faculty of Chemistry and Chemical Technology, Ljubljana, Slovenia

<http://www.policija.si/eng/index.php/aboutthepolice/organization/1669-nfl-page-response>



Presentations - oral



03 – Detected NPS cases by Forensic Toxicology Unit of University of Florence in the frame of the European I-SEE Project - **Fabio Vaiano**, Giovanni Serpelloni, Valeria Catalani, Elisabetta Bertol, U.R.I.To.N., Forensic Toxicology Division, Department of Health Science, University of Florence, Italy

04 – Sharing of data for rapid identification and detection of new psychoactive substances (NPS) in Europe- **Guillou Claude**, Reniero Fabiano, Holland Margaret, Lobo Pereira Vicente Joana, Chassaing Hubert, Kolar Kamil, Tirendi Salvatore, Joint Research Centre of European Commission, Institute for Health and Consumer Protection (IHCP), Italy



Presentations - oral



05 – EU co-funded project RESPONSE: New psychoactive substances database - Sonja Klemenc and Borut Jesenko, National Forensic Laboratory, Slovenia

http://www.policija.si/apps/nfl_response_web/seznam.php

06 –The revision of the ENFSI qualitative sampling guidelines - Hugh Coyle, Forensic Science Ireland, Dublin, Ireland



Presentations - oral



07 – Drug identification by UPLC-QTOF-MS - Petur W. Dalsgaard, Lotte A. Reitzel, Irene B. Müller,
University of Copenhagen, Denmark

08 – NPS data hub for NMR and other analytical data - Torsten Schoenberger, Bundeskriminalamt (BKA), Wiesbaden, Germany



Presentations - oral



09 – In-house Reference Material Certification Project - István Balatoni, Hungarian Institute for Forensic Sciences, Hungary

011 – An update on some novel by-products formed during the synthesis of amphetamine via the APAAN to P2P Leuckart route - **John D. Power^a** and Pierce V. Kavanagh^b, ^aForensic Science Ireland, Dublin, Ireland, ^bDepartment of Pharmacology and Therapeutics, Trinity College Dublin, Ireland



Presentations - oral



012 – Alpha-PVP as an active component of herbal highs - **Roman Stanaszek**, Bogumiła Byrska, Dariusz Zuba, Institute of Forensic Research, Kraków, Poland

013 –The Use of Solid Phase GC-IRD for Forensic Drug Analysis - **Stephanie Fisher**, Dani Instruments, Inc, Marlborough, United States



Presentations - oral



014 – DWG Profiling Subcommittee: overview of activities - Natacha Gentile^a, Fabrice Besacier^b, Pierre Esseiva^a, **Filip Van Durme**^c, ^aUNIL, Ecole des Sciences Criminelles, Switzerland, ^bINPS, France, ^cNICC, Brussels, Belgium

015 – Results of proficiency test 2015- **Tamás Csesztregi**, Hungarian Institute for Forensic Sciences, Budapest, Hungary



Presentations - oral



016 – Subcommittee Chemometrics - Status Report 2016 - **Michael Bovens**^a, Sami Huhtala^b, Ivo Alberink^c, Björn Ahrens^d, ^aForensic Science Institute Zurich, Switzerland, ^bNational Bureau of Investigation, Vantaa, Finland, ^cNetherlands Forensic Institute, The Hague, The Netherlands

017 – Communication subcommittee: status for DWG on members website - **Lotte Reitzel**, University of Copenhagen, Faculty of Health Sciences, Department of Forensic Medicine, Denmark



Presentations - oral



018 – Overview of DWG QA subcommittee activities - **N. Meert**^a, Ulla-Maija Laakkonen^b, Tamás Csesztregia^c, Julia Nagy^c and Peter Mell^d, ^aNational Institute for Criminalistics and Criminology, Brussels, Belgium, ^b NBI, Forensic laboratory, Vantaa, Finland, ^c Hungarian Institute for Forensic Sciences, Budapest, Hungary, ^d Institute for Expert Services, Budapest, Hungary

019 – Update from the Scientific Working Group for the Analysis of Seized Drugs (SWGDRUG) and the Organization of the Scientific Area Committees (OSAC) - **Sandra Rodriguez-Cruz**, Drugs Enforcement Administration, United States



Presentations - oral



O20 – New psychoactive substances in Europe – diversity of the market and associated challenges - **Rachel Christie**, European Monitoring Centre for Drugs and Drug Addiction, Lisbon, Portugal

O21 – Proposal of joint efforts towards a European Cloud spectroscopy system for identification of new drugs - **Guillou Claude**, Joint Research Centre of European Commission, Institute for Health and Consumer Protection (IHCP), Ispra, Italy



Presentations - oral



022 – Research institute of forensic sciences and criminology (RIFSC) “drugs” sector - **Stefan Yosifov**, Research Institute of Forensic Sciences, Sofia, Bulgaria

023 – Legislative approach on new psychoactive substances (NPS) in Cyprus - later changes. results of ISEC project on NPS - **Maria Afxentiou**, Lefkia Panayiotidou, Popi Kanari, Forensic Science and Toxicology Department, State General Laboratory, Nicosia, Cyprus



Presentations - oral



024 – Blotting paper identification process – recalculating - Eran Fenigstein, Simcha Shimron, **Ehud (Udi) Wolf**, Analytical lab, DIFS, Israel police HQ, Jerusalem, Israel

025 – The Stability of the Physical Features of 'Ecstasy' Tablets - **Mario Mifsud**^a, Sue Jickells^b, Janet Mifsud, Kim Wolff, ^aForensic Laboratory Services, Malta, ^bFaculty of Science, University of East Anglia, UK, Clinical Pharmacology & Therapeutics, Faculty of Medicine & Surgery, University of Malta, Malta, ^dInstitute of Pharmaceutical Science UK



Presentations - oral



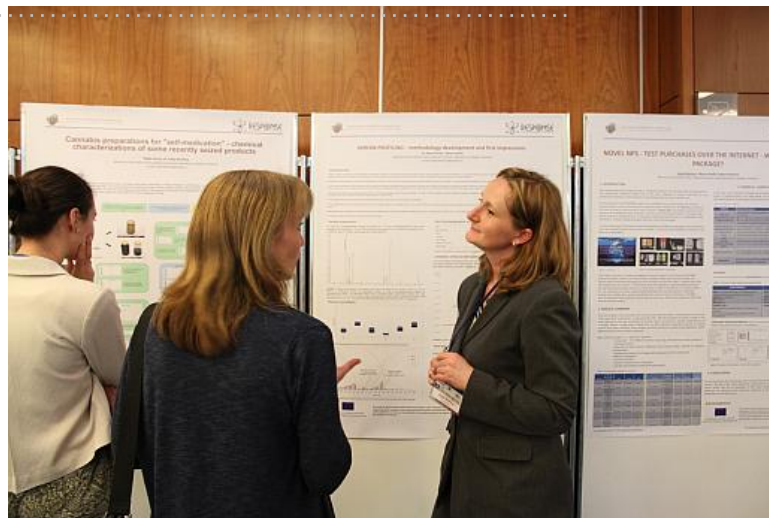
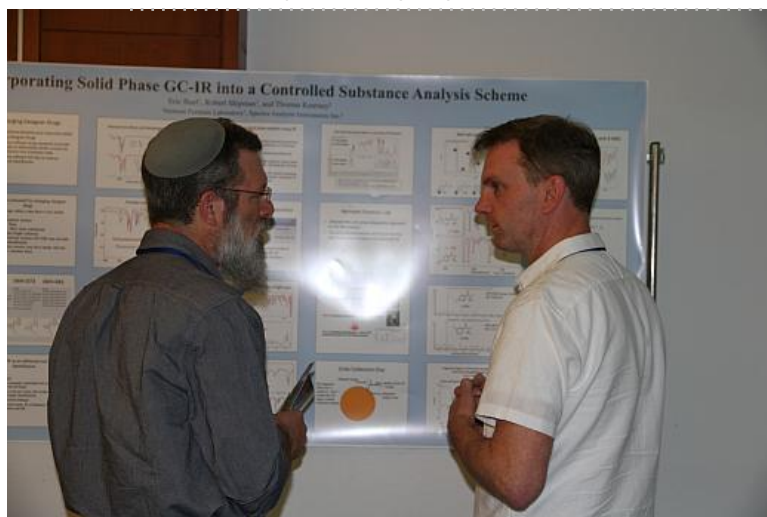
**026 – Drug Prevention in Berlin -
Nadia El-Khadra-Kluth**

Announcement of the 23rd ENFSI-DWG in
2017, Sweden - Åsa Klasén, Swedish
National Forensic Centre, Sweden



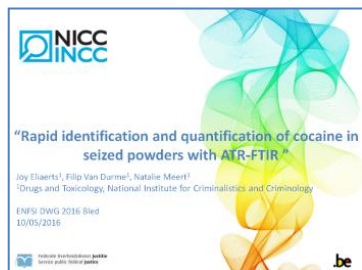
Posters

- P1** – NFIDENT- Reliable drug analyses within a day - A. Sprong, S. Verheij (projectleader), R. Walinga, R-J. Raterink, K. Still, Netherlands Forensic Institute, Netherlands
- P2** – Illegal production of Legal Highs in the legal laboratory "The new czech A. Shulgin" - Michael Roman, Lukáš Franěk, Ludmila Komorousová, Institute of Criminalistics Prague, Czech Republic
- P3** – Application of automated sample preparation for drug analysis - Eszter Holló-Sitkei, Tamás Csesztregi, Hungarian Institute for Forensic Sciences, Budapest, Hungary
- P4** – Qualitative determination of residual solvents in cocaine samples by static headspace-GC-MS (development of cocaine profiling methodology)- Tomaž Gostič, National forensic laboratory, Slovenia
- P5** – Cannabis preparations for "self medication" - chemical characterizations of some recently seized products - Rajko Koren, Katja Benčina, National forensic laboratory Slovenia
- P6** – Heroin profiling - methodology development and first impressions – Mojca Janežič, Katja Benčina, National forensic laboratory, Slovenia
- P7** – Novel NPS - test purchases over the internet - what is inside the package? – Sonja Klemenc, Mojca Janežič and Bojana Koštrun, National forensic laboratory, Slovenia
- P8** – The role of the National forensic laboratory in the Slovenian EWS and wider – RESPONSE and I-SEE projects - Sonja Klemenc, National forensic laboratory, Slovenia
- P9** – Getting Ahead of the Game: Complete Analysis of New Psychoactive Substances, N. Tonge, P. Gierth, C. Stapleton, J. Smith, C. Barrow, A. Gibbs, and A. Codina, Bruker, UK
- P10** – Incorporating solid phase GC-IR into a controlled substance Analysis Scheme, Eric Buel, Robert Shipman and Thomas Kearny, DANNY (USA)



Short presentations (announced last minute -on the spot)

In this session we want to hear and see about interesting cases, small projects and similar and chat about it a bit. (5 to 7 minutes “last moment presentations”).



How to smuggle some synthetic cannabinoids into the prison?

Hollo-Stikei



Amphetamine base
vs
police dogs

Sami Hautala, Finland



Happy end 😊: Acknowledgement to NFL (SI) chemistry department staff for their contributions to the meeting



From the left: Mojca, Bojana, Rajko, Katja, Tomaž, Sonja (all NFL) and DWG chairman Udo
The bag is filled with many sweet “drugs” 😊

Inauguration of the new DWG chair person



Udo Zerell and Irene Breum Müller
The DWG *conductor's baton* was entrusted to Irene Breum Müller.

Official closure of the Meeting



Dr. Sonja Klemenc acknowledged for the sweet surprise and to all attendees for their contributions.



Final words were given by Dr. Udo Zerell
(almost retired DWG chairman)

Relaxing moments - welcome dinner (Tuesday)





Relaxing moments - conference dinner (Wednesday)



...social programme



.....“wishing bell legend”



...a little bit of dancing

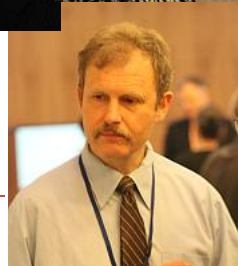


...acknowledgements



....more acknowledgements





Meeting photo documentation



Mrs. Mojca Janežič (NFL, SI) senior forensic expert took over the task

Acknowledgements

- The event was organized with a partial financial support of the Prevention of and fight against crime Programme of the European Union (grant agreement number JUST/2013/ISEC/DRUGS/AG/6413). We kindly acknowledge this!



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- Sponsors of the event are kindly acknowledged for their scientific and financial contributions!

