

## **Support material for TWIST Session 15:**

#### NPS & NEW TRENDS IN DRUG TAKING

## **Background reading**

### List of Presentations on New Psychoactive Substances at Lisbon Addictions 2017

There are 11 sessions covering New Psychoactive Substances or related areas at Lisbon Addictions 2017. The topics range from wastewater analysis to chemsex and are listed in the table below.

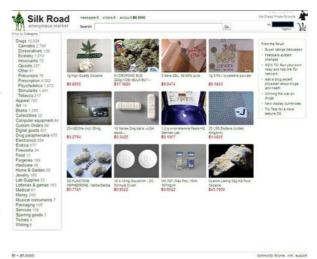
The programme starts on the first day with one Structured Session on "Early warning for New Psychoactive Substances" covering three systems (EU, USA, and Australia) put in place around the world to monitor new trends in drug use, including NPS. In the afternoon, there will be two parallel sessions, one highlighting the challenges for responses (including legislative and clinical); the other highlighting the latest trends across the EU and Australia.



On the second day, in parallel with our TWIST training sessions there will be two structured sessions in the morning where findings from the ESPAD study on NPS use among European students, and waste-water based epidemiology of NPS across Europe will be presented.

Wastewater will also be covered during the lunchtime session along with other new methods, notably forum sentiment analysis.

On the third day, there will be further opportunities to learn about New Psychoactive Substances with four sessions covering the Darknet



and online markets, further presentations on national early warning systems, and innovative methods in drug detection. Note that on the first day there is also a TWIST session on New Monitoring Tools which will cover topics relevant to NPS.

# Sessions and presentations related to NPS in Lisbon Addictions 2017

#### NPS on LISBON 2017

Day one - 24th					
	STRUCTURED SESSION 2				
	STRUCTURED SESSION 2				
11:30 - 13:00	Early warning for new psychoactive substances (NPS) Chairs: David Wood, United Kingdom and Ana Gallegos, EMCDDA  Auditorium IV  The EU early warning system: 20 years of monitoring new psychoactive substances in Europe. Rachel Christie, EMCDDA  - Viability of an early warning system (VIEWS) study: triangulation of data on drug use and harms in Australia. Amy Peacock, Australia  - United States national drug early warning system (NDEWS): evolving drug early warning systems in a new world of drug production, distribution, and use. Erin Artigiani, United States  - Detection and activity profiling of synthetic cannabinoids and their metabolites with a newly developed bioassay. Annelies Cannaert, Belgium (EMCDDA 2017 Scientific Award)  - The value of early warning: Carfentanil - a case study. Helgi	TWIST SESSION ON NEW MONITORING TOOLS			
	Danielsson, EMCDDA				
	PAPER SESSION 7				
	PAPER SESSION 7				
	New psychoactive substances (NPS) - a challenge for responses. Chair:				
	Michal Miovský, Czech Republic				
	Auditorium II				
	, in a contain in				
	- The German new psychoactive substance law (NPSG): perceived and				
	expected outcomes in the first stage of implementation. Tessa-Virginia				
15	Hannemann, Germany				
13:15 - 14:15					
15.	<ul> <li>New psychoactive substances: current health-related practices and</li> </ul>				
13.	challenges in responding to use and harms in Europe. Alessandro				
	Pirona, EMCDDA				
	<ul> <li>Responses to the problem of 'legal highs' in Poland and their</li> </ul>				
	consequences. Krzysztof Krajewski, Poland				
	PAPER SESSION 18				
	New psychoactive substances - trends and developments. Chair: Paul				
	Dargan, United Kingdom				
	Room 5A				
90:0	<ul> <li>New psychoactive substance use among regular psychostimulant</li> </ul>				
14:30 - 16:00	users in Australia, 2010-2017. Rachel Sutherland, Australia				
30	New trends in drug use in Germany? The use of new psychoactive				
14:	substances and methamphetamine in five federal states. Elena Gomes				
	de Matos, Germany				
	New psychoactive substances (NPS) in Portugal – trends and				
	approaches. Susana Henriques, Portugal				
	Teenagers and NPS in Poland – attitudes and behaviors. Tomasz Białas, Poland				
	French media and new psychoactive substances: is a new discourse				
	emerging. Julie-Emilie Adès, France				
	errer gang, valle crimic Auct, France				

NPS on LISBON 2017						
	Day two - 25th					
	STRUCTURED SESSION 20	STRUCTURED SESSION 22				
11.00 - 12.30	20 years of ESPAD: trends in adolescents' substance use and risk behaviours, what have we learnt? Chair: Julian Vicente, EMCDDA Auditorium III	Wastewater-based drug epidemiology of illicit drugs, new psychoactive substances and the misuse of medication as a supplement to traditional data-sources Chair: Barbara Kasprzyk-Hordern, United Kingdom  Auditorium IV	ON NPS			
		Detection of new psychoactive substances (NPS) use across Europe. Sara Castiglioni, Italy	TWIST SESSION ON NPS			
	Understanding the use of NPS by European students in the context of polysubstance use. Harry Sumnall, United Kingdom					
	PAPER SESSION 32					
12:45 - 14:15	New methods. Chair: Lies Gremeaux, Belgium  Room 1.08  - New perspectives for knowledge generation and exploitation using web surveys: the example of volume estimation in wastewater epidemiology. Robin Udrisard, Switzerland					
	- High risk drug use and new psychoactive substances in Europe. Jane Mounteney, EMCDDA - Innovations in online drug forum sentiment analysis to monitor new psychoactive substances: the case of 4-FA in the Netherlands. Matthijs Blankers, Netherlands.					
	National estimation of the prevalence of problem drug use: revisiting and extending multiplier methods in a multiparameter evidence synthesis framework. Hayley Jones, United Kingdom Development of a national wastewater drug monitoring program in Australia. Jake O' Brien, Australia					
14:30 - 16:00	PAPER SESSION 41  Responding in the prison setting Chair: Lars Møller, WHO Europe Authorism VIII					
	Auditorium VIII		TWIST SESSION ON NPS			
	- The use of NPS in prison in Europe: what do we know? Consequences and responses. Linda Montanari, EMCDDA					

	Day three - 26th	
	PAPER SESSION 43	
	Illuminating the darknet and online markets - Chair TBC	
11:00 - 12:30	Auditorium I	
	Forensic drug intelligence and the rise of darknet marketplaces. Marie Morelato, Australia	
	- Four years of monitoring cryptomarkets on the	
	darknet. Amanda Roxburgh, Australia	
	<ul> <li>"This place is like the jungle". Discussion about NPS</li> </ul>	
	on a cryptomarket. Sara Rolando, Italy	
	<ul> <li>Purity, adulteration and price of drugs bought on- line versus off-line in the Netherlands. Peggy van der</li> </ul>	
	Pol, Netherlands	
	<ul> <li>The role of the 'dark web' in the trade of illicit drugs and the role of the Netherlands on these</li> </ul>	
	marketplaces. Kristy Kruithof, United Kingdom	
	STRUCTURED SESSION 41	
	Anonymous collecting and testing of new psychoactive	
	substances samples as a part of national early warning	
	systems (EWS). Chair: Simona Šabić, Slovenia	
	Room 1.09	
	- Anonymous collection and testing of NPS samples as	
15	a part of national EWS: challenges and advantages. Andreja Drev, Slovenia	
12:45 - 14:15		
2:45	Establishment of NGO info points for NPS sample collection within regional EWS system in the	
-	framework of I-SEE project. Ada Hočevar Grom, Slovenia	
	- The integrated drug checking service and its	
	importance for different types of users. Simona Šabić, Slovenia	
	PAPER SESSION 54	PAPER SESSION 56
	Innovative methods in drug detection. Chair: Félix	
	Carvalho, Portugal	Innovation in harm reduction Chair: tbc  Auditorium II
	Room 5A  - The European drug emergencies network (Euro-	Auditorium II
	DEN) project – a model for European data collection	
14:30 - 16:00	on acute drug and new psychoactive substance (NPS) toxicity. Paul Dargan, United Kingdom	
30 -	toxicity. Full burgary, officed miligation	- Chemsex, NPS and risk reduction
14:		management: preliminary results of a
		pilot study. Cécile Chevallier, France