



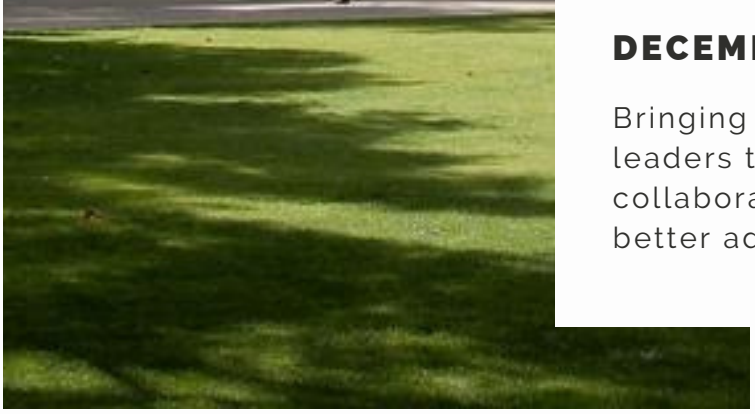


CHILD SEXUAL ABUSE REDUCTION RESEARCH NETWORK WORKSHOP

ADELAIDE, SOUTH AUSTRALIA

DECEMBER 4-5, 2023

Bringing together key researchers and thought leaders to share their work, foster new collaborations, and develop unified solutions to better address child sexual abuse.





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4 DECEMBER, 2023

8:30 Registration & coffee

9:00 Welcome from CSARRN & ICMEC

9:15 **Opening address: South Australia Police - Joint Anti Child Exploitation**

Dancing with the devil: A case study highlighting the dangers associated with investigating child sexual abuse
Detective Sergeant Stephen Patterson and Detective Brevet Sergeant Jacob O'Callaghan, South Australia Police

9:45 **Offending behaviours and experiences with the criminal justice system**

Are you a cop?: Avoiding suspicion in internet stings with online groomers
Tatiana Ringenberg, Kathryn Seigfried-Spellar, and Julia Rayz, Purdue University

Online paedophiles and criminal justice experience: A qualitative perspective
Matthew Ball and Roderic Broadhurst, Australian National University

Identifying digital forensic artifacts related to a hybrid risk assessment model for child sexual abuse offenders
Marcus Rogers, Kathryn Seigfried-Spellar, Nina Matulis, and Jacob Heasley, Purdue University

11:15 Morning tea

11:45 **Investigatory methods and approaches: Developments in biometrics**

A multi-factor knuckle and nailbed verification tool for forensic imagery analysis
Richard Guest and Marco Santopietro, University of Kent
Kathryn Seigfried-Spellar and Stephen Elliott, Purdue University

Developing automated methods to detect and match face and voice biometrics in child sexual abuse material
Bryce Westlake, San Jose State University
Russell Brewer, Thomas Swearingen, and Tom Daly, University of Adelaide
Stephen Patterson, South Australia Police
Dana Michalski. Defence Science and Technology Group
Franco Ucci, Oracle Corporation

Understanding child sexual abuse offending and victimisation patterns through the extraction and analysis of biometrics
Russell Brewer, Thomas Swearingen and Katie Logos, University of Adelaide
Bryce Westlake, San Jose State University
Stephen Patterson, South Australia Police
Arun Ross, Michigan State University

13:15 Lunch & networking

14:00 **Advances in artificial Intelligence and machine learning**

Toward a multimodal machine learning framework to detect unknown child sexual abuse material
Cyndie Demeocq, Julia Davidson and Ameer Al-Nemrat, University of East London

Source camera identification from images and videos using deep learning methods
Guru Swaroop Bennabhaktula and George Azzopardi, University of Groningen

Introducing generative AI: The role of self-regulation in online communities towards virtual child sexual abuse material
Amy Roberts, Murdoch University

15:30 Afternoon tea

16:00 **Examining offender-based interventions**

Warnings for Internet users attempting to access 'barely legal' pornography: examining the effects of imagery on therapeutic and deterrent messages
Jeremy Prichard, Joel Scanlan and Caroline Spiranovic, University of Tasmania
Richard Wortley, University College London
Paul Watters, Macquarie University

Help wanted: Preliminary findings from a randomised control trial
Amanda Ruzicka, John Hopkins University
Ryan Shields, University of Massachusetts

Responding to harmful sexual behaviour: An examination of evidence-based reduction efforts
Carol Ronken and Deirdre Thompson, Bravehearts Foundation

17:30 Closing remarks from CSARRN

19:00 Networking, food, and drink event (prior registration required)

5 DECEMBER, 2023

8:30 Registration & coffee

9:00 **Opening address: European Union Commission**

The European Union's commitment to fight child sexual abuse at a global scale
Salla Huikuri, Finnish Ministry of the Interior

9:25 **Launch of the Child Sexual Abuse Register of Active Research**

Andrea de Silva, National Centre for Action on Child Sexual Abuse

9:35 **Child sexual abuse prevention initiatives**

Preventing child sexual abuse material offending: An international review of initiatives
Alexandra Gannoni, Alexandra Voce and Sarah Napier, Australian Institute of Criminology

Development of child sexual abuse prevention education for tertiary students
Rita Shackel and Judy Cashmore University of Sydney

10:35 Morning tea

11:00 **Investigatory methods and approaches: Examining web-based content**

The archaeology of DarkNet child exploitation forums: Decloaking the offenders
Warren Bulmer and Claudio Diaz, International Centre for Missing and Exploited Children

Using digital forensic artefacts to examine perpetrators of online child sexual abuse material offending
Arjan Blokland and Meike de Boer, NSCR
Anton Daser and Alexander Schmidt University of Mainz
Colm Gannon, RigrAI
Frederic Gnielka, Robert Lehmann and Rebecca Reichel, Medical School of Berlin
Salla Huikuri, Finland Ministry of the Interior
Katarzyna Staciwa, Polska Platforma Bezpieczeństwa Wewnętrznego

Identifying key players in a network of child exploitation websites using Principal Component Analysis
Richard Frank, Simon Fraser University
Fateme Movahedi, Golestan University

12:30 Lunch and networking

13:15 **New perspectives on offending: Patterns and Pathways**

Accessing indecent images of children: Pathways to offending and offender modus operandi
Richard Wortley, University of Waikato and University College London
Dana Zuhair, and Bernardia Valdes, University College London
Donald Findlater and Alex Bailey, Lucy Faithful Foundation

The overlap between accessing child sexual abuse material and extremist content online
Timothy Cubitt, Australian Institute of Criminology

Viewing child sexual abuse material for the first time: Findings from an anonymous survey of Internet users
Sarah Napier, Australian Institute of Criminology

14:45 Afternoon tea

15:15 **Supporting victims, practitioners and law enforcement**

Developing Australia's first minimum practice standards for specialist services responding to child sexual abuse
Amanda Paton, University of South Australia

Victims and survivors' views of sexual violence perpetrator post-custodial measures: Results from a national survey
Jodi Death, Kelly Richards, Michael Chataway, and Chris Emzin, Queensland University of Technology
Carol Ronken and Rebekah Chapman, Bravehearts Foundation

Rolling out the red carpet: Non-offending partners and affected family members as important allies in disruption
Natalie Walker, PartnerSPEAK

16:45 Closing remarks from CSARRN