



dr. Jeroen van der Ham

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WORK EXPERIENCE

2015 – present

Senior Researcher Cybersecurity

Research Cluster, Nationaal Cyber Security Centre

- Lead on NCSC Research Agenda
- Supervising research projects (e.g. *Privacy Enhanced Filtering and Resilience*)
- International expert Coordinated Vulnerability Disclosure
- Practical experience in several crisis coordination teams (e.g. Wannacry)

2018 – present

Associate Professor Incident Response

Design and Analysis of Communication Systems, Technical University Twente

- Research on Incident Response & Ethics in Cybersecurity
- Member of faculty Ethics Committee

2016 – 2017

Guest Researcher

Governance of Cybersecurity, Technical University Delft

2013 – 2014

Teacher & Researcher

Security & Network Engineering, University of Amsterdam

- (lab)teacher for SNE Master
- BKO Certification (2014)
- Founded Ethics Committee SNE Master
- Member of faculty Ethics Committee

2004 – 2013

PhD Student & Post-Doctoral Researcher

Security & Network Engineering, University of Amsterdam

- International cooperation around computer network descriptions
- Guest Researcher Lawrence Berkeley National Laboratory, ESnet (Berkeley, 2010)
- Guest Researcher Internet2 (Ann Arbor, 2009)

ANCILLIARY ACTIVITIES

2018 – present

Member of Ethics and Digitalisation Working Group, ECP

- Contributed to report *Guidance ethics approach*

2018 – present

Coach and Developer, Hack_Right Project, Dutch Police & Public Prosecutor

- Coach for young first offenders in the Hack_Right programme
- co-developed training programme

2017 – present

Chair of Ethics and Informatics Working Group, ICT-Research Platform Nederland (IPN)

- Published report on cooperation of ethics committees in computer science

2016 – present

Co-Chair Ethics Special Interest Group, Forum for Incident Response and Security Teams

- Published Code of Ethics for Incident Response and Security Teams (<https://EthicsfIRST.org>)
- Working on case-book as teaching material for code of ethics

- 2015 – 2019 **TRANSITS trainer**
• TRANSITS is an introductory training for Incident Response professionals

REVIEW ACTIVITIES

- 2018 – present **Associate Editor**
ACM Digital Threats: Research and Practice Journal (ACM DTRAP)
- 2017 – present **Programme Committee**
FIRST Conference
- 2017 – present **Programme Committee**
Workshop Traffic Measurement for Cybersecurity
- 2020 **Evaluator Horizon2020**
- 2019 **Programme Committee**
Passive and Active Measurement Conference (PAM)

EDUCATION

- 2004 – 2009 **Promoted on Security & Network Engineering**
University of Amsterdam: *A Semantic Description of Complex Computer Networks*
- 2003 – 2004 **Master Security & Network Engineering**
University of Amsterdam
- 1996 – 2002 **Master Cognitieve Artificial Intelligentie**
University Utrecht
• Interdisciplinary study with philosophy, psychology, linguistics and computer science

RELEVANT PUBLICATIONS

Dynamic detection of mobile malware using smartphone data and machine learning

Sebastian Panman de Wit, Doina Bucur and Jeroen van der Ham, *Digital Threats: Research and Practice* (Aug 2021) <https://doi.org/10.1145/3442445>

Toward a Better Understanding of “Cybersecurity”

Jeroen van der Ham, *Digital Threats: Research and Practice, Volume 2, Issue 3* (Jul 2021) <https://doi.org/10.1145/3442445>

Ethics in cybersecurity research and practice

Kevin Macnish and Jeroen van der Ham, *Technology in Society* 63 (Nov 2020) <https://doi.org/10.1016/j.techsoc.2020.101382>

Don't shoot the messenger! A criminological and computer science perspective on coordinated vulnerability disclosure

Marleen Weulen Kranenbarg, Thomas J. Holt, and Jeroen van der Ham, *Crime Science, Volume 7, Issue 1* (Nov 2018) <https://doi.org/10.1186/s40163-018-0090-8>

Ethics and Internet Measurements

Jeroen van der Ham and Roland van Rijswijk-Deij, *Journal of Cyber Security and Mobility, Volume 5, Issue 4* (Oct 2017) <https://doi.org/10.1109/spw.2017.17>