CYBER ATTACKS AND DEFENSE
SWISS CYBER STORM
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THE AI REVOLUTION

CONFERENCE
KURSAAL BERN, SWITZERLAND
OCTOBER 22, 2024

SCHEDULE

Talks with a gray background are marked as “The AI Revolution” talks

Arena

09:00–09:15
Opening Ceremony
Christian Folini Program Chair

09:15–09:55
Opening Keynote:
How to Run Your Security Program with AI Before Someone Else Does
Daniel Miessler Founder and CEO of Unsupervised Learning

09:55–10:05
Swiss Hacking Challenge
Marc Bollhalder Organizer and Lead, Swiss Hacking Challenge

Manuel Bürge Organizer, Swiss Hacking Challenge

10:05–10:50
Coffee Break

10:50–11:20
When Physics Meets (Reverse) Engineering: Understanding Cyber-Physical Attacks Against Nuclear Reactors
Ruben Santamarta Independent Researcher

11:25–11:55
AI and Technology Powered Propaganda and Disinformation Operations
Lukasz Olejnik Independent Security and Privacy Researcher

12:00–12:30
An Insider Perspective on Cyber Insurance – Yes or No?

Maya Bundt Multiple Board Member and President of the Steering Committee for the Implementation of the National Cyber Strategy

Fabian Willi Head Cyber Key Accounts, Swiss Re

Scenario

09:00–10:05
See Arena

10:05–10:50
Coffee Break

10:50–11:20
How to Talk AI to Your Lawyers
David Rosenthal Partner, Vischer

11:25–11:55
(Un-)Natural Language Processing: Defensive AI in Practice
Emanuel Seemann Security Researcher, CrowdSec

12:00–12:30
Law Beats Code: Enforcing a Legal Base for a Safe and Human-Centric AI
Monica Amgwerd Campaign Lead Initiative for Digital Integrity Zurich

Panorama – Sponsors

09:00–10:05
See Arena

10:05–10:50
Coffee Break

10:50–11:20
Breach & Attack Simulation – Continuous Security Validation
(incl. live demo)
Raphael Ruf Cyber Security Consultant, Swiss Post Cybersecurity

11:25–11:55
Artificial Intelligence and Cybersecurity: A New Era of Defense
Sandro Bachmann Senior Incident Responder, InfoGuard

12:00–12:30
Don’t Forget the Human
Gregor Wegberg Head of Digital Forensics and Incident Response, Oneconsult

Arena

12:30–14:00
Lunch Break

14:00–14:30
When Chatbots Talk Too Much: The Risks and Rewards of AI Manipulation

Eva Wolfangel Independent Journalist

14:35–15:05
Towards More Practical Threat Models in Artificial Intelligence Security

Kathrin Grosse Research Scientist, IBM Research Zurich

15:10–15:40
The Fault in Our Metrics. Rethinking How We Measure Detection and Response

Allyn Stott Senior Staff Engineer, Airbnb

15:40–16:20
Coffee Break

16:20–16:50
Cybersecurity AIs: From PentestGPT to Building an AI-Powered Robot Immune System

Víctor Mayoral Vilches Chief Science Officer and Founder, Alias Robotics

16:55–17:30
Closing Keynote:
Lessons from Using Machine Learning for Active Defense Over 20 Years

John Graham-Cumming CTO, Cloudflare

17:30–21:00
Networking Apéro and Dinner
18:30 Raffle Prize Draw

Scenario

12:30–14:00
Lunch Break

14:00–14:30
Overcoming Resistance with Purpose-Driven Security. A Lesson in Practical Socio-Dynamics

Ida Hameete Independant Cybersecurity Strategy Consultant

14:35–15:05
Hacking And Defending APIs: Red And Blue Make Purple

Matt Tesauro Founder and CTO, DefectDojo

15:10–15:40
Human-Centred Security Meets AI: How to Navigate New Threats

Cornelia Puhze Security Awareness Expert, Switch

15:40–16:20
Coffee Break

16:20–16:50
Growing a Security Champion Program Into a Security Powerhouse

Bonnie Viteri Principal Technical Security Engineer, Yahoo

16:55–17:30
See Arena

17:30–21:00
Networking Apéro and Dinner
18:30 Raffle Prize Draw

Panorama – Sponsors

12:30–14:00
Lunch Break

14:00–14:30
Modern TPM Sniffing and Multi-Factor Authentication

Julien Oberson Head of Pentest, Orange Cyberdefense Switzerland

14:35–15:05
“How Much Does My CEO Earn?”– Avoid Data Security Pitfalls in the Era of AI

Michael Landolt Customer Security Officer, Microsoft

Umberto Annino Technical Specialist Data Security, Microsoftt

15:10–15:40
AI Compliance Essentials: Standards and Emerging Regulations

Bruno Blumenthal Partner and Member of the Board, Temet

15:40–16:20
Coffee Break

16:20–16:50
See Arena or Scenario

16:55–17:30
See Arena

17:30–21:00
Networking Apéro and Dinner
18:30 Raffle Prize Draw