

## AI and cyber security: a big help or an even bigger threat?

On October 22, 2024, the Swiss conference for IT security Swiss Cyber Storm will take place in Bern. Under the motto "The AI Revolution", national and international experts will discuss the consequences of the AI boom for IT security - whether as a threat or as a supporting force in the fight against threats.

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Swiss Cyber Storm 2024 with the motto "The AI Revolution" will take place on October 22 in Bern. (Image: [www.swisscyberstorm.com](http://www.swisscyberstorm.com))

This year's Swiss Cyber Storm on October 22, 2024 will focus on the dangers and opportunities of artificial intelligence with the motto "The AI Revolution". On the one hand, AI-supported attacks represent a new dimension of danger for IT systems, but on the other hand, artificial intelligence can also be used to defend against previously unknown attacks. Ultimately, however, AI-based IT systems also place special demands on security.

The conference will therefore discuss topics such as: What is the current state of the threat posed by artificial intelligence? Which AI-based attacks can already be observed? How can we defend ourselves against them and what help can AI already provide today? How must and can AI applications be protected so that they can perform their services without harmful external influences? In addition to AI, other current IT security topics will also be discussed at Swiss Cyber Storm.

AI and security expert Daniel Miessler will open the conference with his keynote "How to Run Your Security Program with AI Before Someone Else Does". Conference attendees will leave the talk with a new way of thinking not only about AI, but also about security programs.

### A selection of speakers and talks on the topic of AI:

- **Lukasz Olejnik** (independent researcher): "AI and Technology Powered Propaganda and Disinformation Operations"
- **Eva Wolfangel** (independent journalist): "When Chatbots Talk Too Much: The Risks and Rewards of AI Manipulation"
- **Cornelia Puhze** (Security Awareness Expert, Switch): "Human-Centred Security Meets AI: How to Navigate New Threats"

### A selection of speakers and talks on other security topics:

- **Ruben Santamarta** (independent researcher): "When Physics Meets (Reverse) Engineering: Understanding Cyber-Physical Attacks Against Nuclear Reactors"
- **Maya Bundt** (President of the Steering Committee of the National Cyber Strategy) and **Fabian Willi** (Head Cyber Key Accounts, Swiss Re): "An Insider Perspective on Cyber Insurance - Yes or No?"
- **Ida Hameete** (independent cybersecurity strategy consultant): "Overcoming Resistance with Purpose-Driven Security. A Lesson in Practical Socio-Dynamics"

John Graham-Cumming, CTO of Cloudflare, will bring the debate to a close with his closing keynote ("Lessons from Using Machine Learning for Active Defense Over 20 Years"). Graham-Cumming discusses the long history of machine learning and explains how he has been trying to use ML to secure applications for over twenty years.

The following speakers will also appear in the main program: Monica Amgwerd, Laura Bell Main, Kathrin Grosse, Victor Mayoral Vilches, David Rosenthal, Allyn Stott, Matt Tesauro and Bonnie Viteri.

The coffee breaks and lunch break will provide ample opportunity for networking and discussion with the speakers. At the end of the official program, all participants are invited to an aperitif with the popular raffle.

Source and further information: [www.swisscyberstorm.com](http://www.swisscyberstorm.com)

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