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PRESS RELEASE on the presentation of asvin and German cyber agency at MIT

asvin and cyber agency present cyber research at MIT

Stuttgart, Halle/Saale, Cambridge, MA, USA, May 2024 - **The transatlantic research alliance MANTRA is redefining the way cybersecurity information is shared. The alliance includes Stuttgart-based asvin GmbH, the German Federal Agency for Innovation in Cybersecurity GmbH (Cyber Agency), the leading US research institute MIT and other German research institutions. In view of the increase in new attack variants, state hacking, cybercrime and sabotage in critical infrastructures, the transatlantic MANTRA project is developing new methods for collaborative cyber threat intelligence as a thought leader.**

The company and the participating scientific organisations will be demonstrating how this works at two events in the USA in mid-May at MIT (Massachusetts Institute of Technology). Research into new methods for increasing cyber security and prioritising risks in cyberspace has been an integral part of asvin's innovation strategy since its foundation. With the asvin Labs and international, European and national innovation projects on cyber security, asvin is a pioneer in cyber security research. At the same time, asvin is focussing on cooperation with important players in the cyber security segment. This includes the collaboration with the US organisation CAMS (Cybersecurity at MIT Sloan) and the ongoing contract for the MANTRA project*1 from the cyber agency. asvin is now pushing ahead with both initiatives on its US tour to Cambridge, MAS, USA, in mid-May. The objectives and interim results of both projects will be presented to the international community of cyber security researchers and cyber security managers from leading companies in the USA, Europe and Asia at MIT.

On 15 May, asvin CEO Mirko Ross and asvin VP Sales and cybersecurity expert Gerhard Steininger will take part in the third annual CAMS Cybersecurity Innovation Symposium. The conference will discuss the technological, political and organisational innovations that will be needed in five years' time in order to operate securely in cyberspace. CAMS focuses on the development of metrics and models that allow organisations to better protect themselves against cyber incidents. This includes risk analysis, but also ROI calculations and the simulation of cyber security resilience.

The highlight and conclusion of the programme on 16 May is the MANTRA workshop on data analysis for cyber resilience management in the supply chain, organised by Prof. Dr Raphael Yahalom. Yahalom is an MIT CAMS Fellow and Senior Security Researcher at asvin Labs. The opening keynote will be given by Gerald Walter, Head of Critical

Infrastructure Protection in the Cyber Agency's Secure Systems Department. The keynote speech will be given by the internationally recognised "security guru" (economist), bestselling author and Harvard professor Bruce Schneier. Throughout the day, Mirko Ross will moderate several presentations from Nasdaq, Schneider Electric, AISEC, State Street Bank, IBM, MITRE and Liberty Mutual on their cyber organisation. All in all, the perfect mix to discuss new strategies for cyber resilience and deepen transatlantic cooperation on cyber security for critical infrastructures.

About asvin:

Using powerful technologies, asvin develops predictive solutions for the best possible resilience of OT and critical infrastructure. For this purpose, asvin uses next-generation AI, graph-based methods, so-called cybersecurity knowledge graphs, and classical topology theory. The resulting asvin product Risk by Context™ enables companies to stay one step ahead of threats. They can deploy resources efficiently and optimise security investments. asvin thus strengthens cyber resilience and protects customer systems throughout their entire lifecycle. <https://asvin.io>

*1; Background asvin & German cyber agency:

In November 2022, the Cyber Agency launched the first phase of the €30 million research project "Existential risks from cyber and information space - high security in security-critical and defence-relevant scenarios". Six research consortia, including the MANTRA consortium led by asvin, were among the selected contractors. MANTRA is a transatlantic research cooperation between Stuttgart-based asvin GmbH, MIT and other German research institutions on behalf of the German Federal Agency for Innovation in Cybersecurity GmbH (Cyber Agency). MANTRA is now one of the three pre-finalists, and two consortia will enter the home straight in August this year. MANTRA creates a secure and resilient framework for the real-time exchange of cyber attack patterns and their risk management. The novel approach based on graph models offers significant advantages in cyber security management, especially in the automation and prioritisation of measures, but also in risk minimisation and during the active defence against cyber attacks.

Mantra online: <https://mantra-project.de/>