

Award Ceremony at TOX® in Weingarten

TOX® Presents Applied Engineering Award for Master's Thesis on AI and Data Protection

TOX® PRESSOTECHNIK SE & Co. KG presented the TOX® Applied Engineering Award for the 13th time on March 25, 2026. In cooperation with Ravensburg-Weingarten University of Applied Sciences (RWU), the company uses this award to recognize outstanding academic achievements with a strong practical focus.

This year, Sarah Weiß, a graduate of the Master's program in Computer Science at the Faculty of Electrical Engineering and Computer Science, was honored for her thesis. The award-winning thesis, titled "Computer Vision with Anonymized Data: A Systematic Approach for Evaluation using Realistic Anonymization," was supervised by Professor Markus Schneider.

The award-winning thesis makes a direct contribution to the practical implementation of privacy-compliant camera and AI systems in Industry 4.0 applications and related fields. It demonstrates how personal image data can be processed in compliance with the GDPR through realistic anonymization and identifies the technical challenges that must be overcome for practical deployment. This Privacy-by-Design approach minimizes legal risks as early as the development stage. The high scientific relevance of the results was further underscored by their presentation at the renowned KI 2025 conference in Potsdam.

The award ceremony took place at TOX®'s headquarters in Weingarten. In addition to the award, Sarah Weiß's prize includes a multi-day stay at an international TOX® location. Destinations such as Brazil, China, or India are available to choose from—a true highlight offering exclusive insights and valuable international experience.

Even before the ceremony, RWU students gained exciting practical insights as part of the "MEET THE YOUNG PROFESSIONALS" event. In engaging presentations, our young engineers introduced their daily work and current projects at TOX®.

Following Sarah Weiß's award, participants also had the opportunity to get to know TOX® better during guided tours.

The event concluded with a cozy get-together. In a relaxed atmosphere, the participants took the opportunity to wind down the afternoon together.

The TOX® Applied Engineering Award has been presented annually since 2013 to RWU students who stand out for their exceptional engineering achievements with high practical relevance. Nominations are made by the university's faculty.

As an internationally active technology company, TOX® places great value on promoting highly qualified professionals. In addition to targeted training and continuing education, the company is particularly committed to recognizing outstanding academic achievements. The Applied Engineering Award underscores this commitment while also fostering knowledge transfer between the university and industry.

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Meta-Title: TOX® Presents the 2026 Applied Engineering Award for a Master's Thesis on AI and Data Protection

Meta-Description: Sarah Weiß receives the 2026 TOX® Applied Engineering Award for her master's thesis on the data-protection-compliant use of computer vision in Industry 4.0 applications. The award ceremony took place on March 25 in Weingarten.

Keywords: TOX PRESSOTECHNIK; TOX Applied Engineering Award; award ceremony; promotion of young talent; master's thesis; artificial intelligence; computer vision; data protection; Industry 4.0; Ravensburg-Weingarten University of Applied Sciences; AI systems; anonymization

Image captions:



Image 1: Group photo featuring award winner Sarah Weiß and representatives from RWU and TOX®.



Image 2: Sarah Weiß receiving the award from Susanne Eberhardt, Managing Director of TOX® PRESSOTECHNIK INTERNATIONAL SE & Co. KG.



Image 3: At the awards ceremony, Sarah Weiß shared insights into her master's thesis.

Images: TOX® PRESSOTECHNIK SE & Co. KG

About the company:

TOX® is a supplier of presses, systems as well as components for sheet metal joining and assembly technology. Since its foundation in 1978, the family business has become a global player with around 1500 employees worldwide, over 500 of which are based at the headquarters in Weingarten near Ravensburg, Germany. The success story started with one pneumohydraulic drive – the TOX® Powerpackage. The “Components” division now includes pneumohydraulic and electromechanical drives as well as controls, sensors and software for process monitoring and quality assurance. In addition to a large range of presses, the system range comprises manual, machine and robot tongs. Another mainstay are modern sheet metal joining procedures, also incorporating the TOX® Clinching Technology, which makes the company today’s market leader.

Drives, processes and systems from TOX® can be found at automotive manufacturers and their suppliers as well as at industrial businesses for household appliances, electronic components, furniture and much more. Special versions of the TOX® Drives are also approved for the food industry.

TOX® is represented worldwide: 17 subsidiaries, amongst others in the USA and South America, Europe and South Africa, India, China and the entire Pacific Region. 18 representatives in many other markets support and advise local customers.

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