



Thesis Work by DMSB Students at the IFF
Topic: Residence Time Distribution of a Continuous Mixing System

In February 2025, three students from the German Milling School (DMSB), Leon Taschemski, Sebastian Forst, and Martin Kurek, successfully completed their theses at our institute.

As part of their work, the residence time distribution of a continuous mixing system was systematically analyzed. Using tracer substances, the flow behavior and mixing efficiency were examined in detail. The insights gained contribute to a deeper understanding of the process and help identify potential areas for optimization.

The results will be presented at the DMSB on 23 May 2025.

Lectureship at the Technical University of Braunschweig

Patrick Sudwischer will once again take on his lectureship at the Technical University of Braunschweig in the upcoming summer semester. At the Institute of Food Chemistry, he teaches the module “Chemistry and Technology of Animal Feed” as part of the Master's program in Food Chemistry.

The course is offered every two semesters as a weekly lecture and provides students with in-depth insights into the composition, processing, and quality control of animal feed.

Visit from the University of Veterinary Medicine Hannover

On April 30, 2025, we had the pleasure of welcoming 15 veterinary medicine students from the University of Veterinary Medicine Hannover to our institute.

Dr. Böschchen gave the future veterinarians an engaging introduction to the process technology involved in animal feed production. Following the presentation, the students had the opportunity to gain hands-on impressions in the pilot plant, where they observed how feed is mixed, ground, and pelleted.

The visit was met with great interest and led to lively professional discussions—we are delighted by the growing interest in feed technology within veterinary education!



Master Craftsman Examination in the Milling Trade (Feed Production Specialty)

This year, the master craftsman examination in the milling trade (specializing in feed production) once again took place at our facility.

Patrick Sudwischer participated as a member of the examination board and wishes all graduates every success in their professional careers.



Future Day at the IFF

On 3 April 2025, “Future Day” for girls and boys was held at all general education schools for students in grades 5 to 9.

For many years, the IFF has offered students the opportunity to explore the institute's own pilot plant and laboratory.

Introduction to Animal Feed Production for Kids

Ansgar, Lucius, and Finn gained exciting insights into the world of animal feed production. They began by learning about various raw materials and their importance in animal nutrition. Afterwards, they helped grind a feed mixture and pellet it as part of a small experiment.

Our technicians explained each step of the process in a way that was easy for children to understand and answered all questions with patience.

To round off the day, the children conducted sieve analyses and an abrasion test. They followed every station with great enthusiasm and curiosity—it was a thoroughly successful day!

Conference on "Mycotoxins"

Exciting insights, current research, and lively discussions - these were the highlights of our conference on mycotoxins and microbiological contaminants in animal feed on 7 May 2025.

The focus was on innovative methods for the chemical decontamination of mycotoxins as well as proven mechanical cleaning techniques - among them, a live demonstration of color sorting technology by Bühler GmbH, Braunschweig.

Another key topic was practical approaches to rapid analysis:

- High-throughput mycotoxin screening
- Rapid methods for the detection of Salmonelle

A particular highlight was the presentation by the German Federal Institute for Risk Assessment (BfR), showcasing a modeling tool that simulates and quantitatively evaluates the carry-over of contaminants from feed to consumer.

A heartfelt thank you to all participants, speakers, and contributors for a successful day filled with valuable exchanges.

Contributions from:
Friedrich-Loeffler-Institut
Bühler Group Animal Feed
VITALAC
German Federal Institute for Risk Assessment (BfR)
Foss Analytical AB



U.S. Soybean Export Council (USSEC)
Feed Manufacturing Technology Short Course

From 13 to 15 May 2025 we had the pleasure of welcoming a delegation from Turkey to our institute. The visit took place as part of a short course focused on professional exchange, during which the latest developments in feed manufacturing technology were presented.

Key topics included:

- Energy efficiency
- Pelletizing and grinding processes
- Expansion and post-pelleting application
- Chemical and physical changes during the conditioning process

The visit was rounded off with a presentation and guided tour at the Friedrich Loeffler Institute (FLI) in Braunschweig. We extend our sincere thanks to Dr. Jeannette Klüß, Dr. Ulrich Meyer and Dr. Dirk von Soosten for making this possible. Both sides expressed strong interest in future collaboration.

We sincerely thank our guests for their interest and visit, and we look forward to seeing them again soon! We are also happy to offer customized training events for employees of other companies - please feel free to contact us!



Upcoming IFF Events

- Online-Session „Pelleting of compound feed“ (English)
3 and 4 Juni 2025
- 60th Statutory General Meeting (German)
16 June 2025
- IFF Seminar “News from research and industry” (German)
16 and 17 June 2025
- Symposium “Basics of occupational safety and explosion protection” (German)
23 September 2025
- Compact Course “Fundamentals of compound-feed production” (German)
18 to 20 November 2025

For more information, please visit our website at iff-braunschweig.de.