

# PHARMA Extrusion Academy

Extrusion know-how from early development stages until final production phase.

**Leistritz**  
EXTRUSION TECHNOLOGY

**Register now!**

February 18 – 19<sup>th</sup>, 2025

For employees from R&D, lab,  
operation and production.



[leistritz.com/extrusion-academy-en](https://leistritz.com/extrusion-academy-en)



## Understanding pharmaceutical extrusion technology.

Leistritz PHARMA Extrusion Academy is a training program with theoretical and practical settings and provides valuable support for development and production – tailor-made to the demanding requirements of the pharmaceutical industry.

### The Topics

- Formulation development
- Process design
- Plant & process engineering
- Process monitoring



### The Training Program

Based on a roadmap this training will show you how to speed up product and process development, both in theoretical and practical terms.

Following a case study for micro-implants – a collaborative work with partners from university and industry – we will guide you through the live cycle of a pharmaceutical product whilst answering the following questions:

- **Polymer Science:** What is the right polymer to use?
- **Formulation:** Which drug load and drug polymer combination is appropriate for my controlled release profile?
- **Powder Feeding:** Garbage in, garbage out: What needs to be taken into consideration in the feeding process? What feeder set-up to choose?
- **Extrusion Process:** How do I cross the bridge from first sample preparation to the extrusion process?
- **Downstream Equipment:** Extrusion completed – and now? How to cut/shape my

# Speeding up product and process development.

product? Do I end up with an intermediate or final product? What works best for my product?

## ■ **Process Evaluation and Inline Quality Monitoring:**

Continuous production successfully installed! But: How can I guarantee constant product quality and steady state processes? How to find the right process window? Which product-quality influencing factors can be detected? How do they help me to get a better process understanding?

- **Formulation Screening:** 32 samples within 6 hours: Is that possible? Learn how to speed up development using vacuum compression molding (VCM).

## **PRACTICAL**

- **Screw set-up:** Confused by the multitude of screw set-ups? The Leistritz experts support you in designing your specific screw set-up.
- **HME and future prospects:** What's new?

## **Your Benefits**

- Vivid small-group training
- Sound basic knowledge focussing on quicker optimized development
- More efficient handling and operation of extrusion lines
- Theoretical and practical sessions with hands-on experience
- Motivating education and training of employees
- Discuss and exchange with experts from industry, universities and research institutes



# PHARMA Extrusion Academy

## When

February 18 – 19<sup>th</sup>, 2025

Day 1 begins at 8:45 am  
(in the conference hotel)

Day 2 ends around 3 pm

Get Together February 17:

Optional meeting on the event's  
eve in conference hotel: 7–9 pm

## Included services

- Drinks & snacks during the event
- 2 x lunch
- Transfers hotel <-> Leistriz
- 1 x dinner & evening event
- Training material
- Training certificate

## Where

PARK PLAZA Hotel Nürnberg

Bahnhofstr. 5, 90402 Nuremberg

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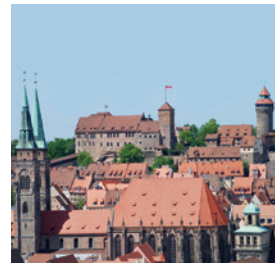
## Price

1,589.- € (excl. overnight stay)

In case of simultaneous multiple registrations from one company, we grant 10 % discount. The number of participants is limited to 25 people.

## Safety

Practical demonstrations take place in the lab and require safety equipment. Safety glasses and gloves will be provided. Please bring along your own safety shoes if possible.



## Accommodation

**Not included.** Please book your room directly. Preferential room rates in the conference hotel upon request. Please mention the keyword “Leistriz Pharma Extrusion Academy”.

A written cancellation is required. Cancellation up to 6 weeks before the start of the event is free of charge. Cancellation up to 2 weeks before the start of the event will incur a cancellation fee of 10% of the participation fee plus VAT. In case of later cancellation, the full price is due. In this case, the training material can gladly be sent via mail upon request. A substitute can also be appointed by prior arrangement. Programme is subject to change.