

JAPANISCHE INDUSTRIE- UND HANDELSKAMMER
zu Düsseldorf e.V.
デュッセルドルフ日本商工会議所



March 16, 2026

Bus Tour to Fraunhofer IPT in Aachen

Dear Members,

For our first bus tour of the year, we have planned a visit to the Fraunhofer Institute for Production Technology (IPT) in Aachen. The Fraunhofer IPT develops next-generation production systems that combine resource conservation with network-based optimization. It provides sustainable manufacturing and innovative service solutions to support it. With 535 employees and modern research facilities covering 9,000 square meters (including 5,000 square meters of laboratories and machine rooms), Fraunhofer IPT is one of the leading innovation partners in the manufacturing industry.

In the field of digitalization, Fraunhofer IPT focuses on seven key themes:

- Sensor systems and data acquisition
- Interfaces and connectivity
- Data synchronization and middleware
- Data modeling and data analysis
- Digital twins in the product lifecycle
- IT architecture and cybersecurity
- Database business models

Target Industries: Fraunhofer IPT partners with companies across diverse manufacturing sectors including automotive, aerospace, biotechnology/pharmaceuticals, energy, mechanical/plant engineering, medical technology, and optical/electronic technology. For details, please refer to [their website \(English\)](#).

This tour will explore how digital technologies drive innovation on the production floor. We look forward to an active exchange of views between Fraunhofer IPT and our members on the current challenges and future potential of digitalization in manufacturing, from data collection to process optimization.

There will be presentations on the digitalization of production and the ICNAP (International Center for Networked, Adaptive Production) community. Following this, you will have the opportunity to see in detail various projects, including manufacturing technologies for turbo machinery, the use of 5G technology on the production floor, and the latest production quality inspection methods.

Following the tour, we will host a networking session over lunch. We encourage you to take advantage of this opportunity to deepen exchanges among experts and fellow participants.

We sincerely look forward to your participation.

Date and Time: Tuesday, April 28th 2026, 8:10 a.m. – 3 p.m.

Participation Fee: 40 euros

Payment: Bank Transfer (We will send you an invoice. Please make sure to pay before the day of the event.)

Deadline: Friday, April 17th at 5 p.m.

Capacity: 30 people (order of application)

Language: English (no translations)

Application: [Please apply via this site.](#)

- Please contact us by e-mail, if you need to cancel or change participants.
- Applications will close once capacity is reached.
- Please note that if we receive multiple applications from a single company, we may need to adjust the number of participants if the total number of applicants exceeds the capacity.
- If the minimum number of participants (10 people) is not met, we may cancel the tour. In the case of a cancellation, we will contact you in advance.

Program:

08:10 Gathering in front of Clayton Hotel (Address : Immermannstr. 41, 40210 Düsseldorf)

Transfer by Bus

09:45 Arrival at Fraunhofer IPT (Aachen)

10:00 Start of the Tour
(Language: English)

- **Greeting**
Prof. Thomas Bergs, Division Manager
- **Digitalization of Production and ICNAP Community**
Dr. Mario Pothen, ICNAP Platform Manager
Jan Hellmich, ICNAP Community Manager
- **Communication on the Shopfloor**
Niels König, Head of Department
- Shopfloor Tour
 - Turbomachinery
 - 5G in Production
 - ICNAP Demonstrator

12:00 Networking & Lunch

13:20 Group Photo

13:30 End of the Tour, Returning to Düsseldorf

15:00 Arrival in front of Clayton Hotel