

# CIP4 Course on JDF, XJDF, and PrintTalk

## March 12-13, 2024, Munich (Germany)

### Day 1, March 12

**10:00**      **Welcome and Introduction**

**11:00**      **Examples & Case Studies**

*Heiko Angermann*

Heiko will present some workflow examples in prepress (such as sheet assembly), press and postpress. He will also review a print shop case study.

**12:00**      **Lunch**

**13:00**      **Process-Resource Model**

*Thomas Hoffmann-Walbeck*

Thomas will explain this production model, as it is the foundation of JDF and XJDF.

**13:20**      **CIP4 Technologies I**

*Thomas Hoffmann-Walbeck*

*Heiko Angermann*

In this session, Heiko and Thomas will talk about the common use and structure of the JDF and XJDF data formats.

14:30      Break

**14:45**      **CIP4 Technologies II**

*Thomas Hoffmann-Walbeck*

*Heiko Angermann*

Heiko and Thomas will present the messaging formats JMF and XJMF which are linked with JDF and XJDF. In addition, they will consider the communication formats PrintTalk, PPF(CIP3) as well as new PDF metadata supported inclusion of XJDF Intent.

**16:00**      **End**

## **Day 2, March 13**

**10:00**      **Welcome**

**10:10**      **Data Structures in Depth I**

*Rainer Prosi*

Rainer will discuss data structures and XML examples for JDF and XJDF.

**11:15**      **Libraries and Tools**

*Rainer Prosi*

In this session, Rainer will introduce tools for software development, such as C++ and Java libraries and useful tools such as a JDF Editor and a JDF Toolbox.

**12:00**      **Lunch**

**13:00**      **Data Structures in Depth II**

*Thomas Hoffmann-Walbeck*

*Heiko Angermann*

In this session, code snippets for PrintTalk, PDF Metadata and PPF are presented.

**14:15**      **Integration Projects**

*Matthias Heinz*

Based on his experience as a project manager for workflow integration, Matthias will present a few of his projects.

**15:00**      **Q&A**

**15:45**      **Break**

**16:00**      **FOGRA tour**

**17:00**      **End**