Cooperation Opportunities with the Faculty of Business Management and Economics of the Julius-Maximilians-Universität Würzburg

Prof. Dr. Christian Janiesch
Josef-Stangl-Platz 2
97070 Würzburg
http://www.bwl.uni-wuerzburg.de/lehrstuehle/bwljp1/
City and University of Würzburg

- First mentioned 704
- Population 124,873
- Located on the Main river
- Capital of Lower Franconia in Bavaria
- “Würzburger Stein“ is one of the oldest and largest vineyards in Germany
- Founded in 1402
- Students 28,878
- Spread all over the city
- 10 faculties
- 9 Nobel laureates
- Ranked 151-200 on ARWU, 186 on Times
Faculty of Business Management and Economics

- Around 3,350 students are currently enrolled at the Faculty
- Around 2,350 students study at the Bachelor level
- Every winter term around 650 undergraduate students begin their study
Faculty of Business Management and Economics

Business Management
- 11 chairs
- 2 junior & 1 senior profs.

Economics
- 7 chairs & 1 professor
- 2 junior professors

Studies
- BSc Business Management and Economics
- BSc Business Information Systems
- BSc Mathematical Economics
- MSc Business Management
- MSc International Economic Policy
- MSc Business Information Systems
- MSc Mathematical Economics
Professors of Business Information Systems

- **Prof. Dr. A. Winkelmann**
  - BM & BIS

- **Prof. Dr. F. Thiesse**
  - BIS & ISE

- **Prof. Dr. R. Thome**
  - Digital Business Synergy

- **Prof. Dr. P. Zencke**
  - Hon. Prof. (ex. board SAP)

### Research Areas:

- Business Process Management
- Business Analytics and Data Mining
- Cyber-physical Systems
- Enterprise Systems
- Digitization
- ...
Core Research Areas

- Software selection, engineering, and operation of Enterprise Systems
- IoT / e-energy
- Complexity and software integration / e-business standards
- IT management, information management, BPM

Bayerisch-Russische Fachkonferenz „Wirtschaftswissenschaften“
Cooperations in Teaching and Research

IFS Deutschland GmbH & Co. KG
IFS is a leading global provider of business software

Infosim GmbH & Co. KG
Infosim is a Microsoft NAV service provider

IBIS Prof. Thome AG
IBIS is a specialist for SAP use and reverse business analysis

FIS Informationssysteme und Consulting GmbH
FIS is a SAP service provider with a focus on process optimization for SAP products
ERP Laboratory

- Competence Center for adoption and use of ERP software
- Hosting of ERP software
- Workshops, talks, and reports
- Teaching ERP software

Bayerisch-Russische Fachkonferenz „Wirtschaftswissenschaften“
- Competence Center for Internet of Things applications
- Teaching opportunities and applications of the IoT
- Status: Operational but under construction
Trainings and Podcasts

- Trainings for small and medium-sized companies through „Mainfranken 4.0“

- ERP podcast
  www.erp-podcast.de
# Chair of Information Systems Engineering

## Chair Owner

Prof. Dr. F. Thiesse

## Research Assistants

- Alexander Dürr
- Patrick Föll
- Fabian Geiger
- Jannis Hanke
- Matthias Hauser
- Giacomo Welsch

## Research Topics

- Business Model Innovation
- Business Analytics
- Mobile & Ubiquitous Business
- Digital Fabrication / 3D Print
- Green IS

## Selected Publications

- **FLATH, CHRISTOPH M.; FRIESIKE, SASCHA; WIRTH, MARCO; THIESSE, FRÉDÉRIC:** *Copy, Transform, Combine: Exploring the Remix as a Form of Innovation.* In: *Journal of Information Technology* (2017)


Core Research Areas

- Business Model Innovation
- Digital Fabrication / 3D Printing
- Mobile & Ubiquitous Business
- Business Analytics & Green IS
CENTER FOR DIGITAL FABRICATION

ERÖFFNUNG DES FABLAB WÜRZBURG


MANAGEMENT CIRCLE TRENDFORUM, 3D-DRUCK – OPTIMIERUNG DER PRODUKTION DURCH GENERATIVE FERTIGUNGSVERFahren

Management Circle ist ein anerkannter Bildungspartner deutschsprachigem Raum und vermittelt Wissen an Fach- und Führungskräfte. Ständig werden dabei jährlich etwa 3000 Veranstaltungen zur beruflichen Weiterbildung aus allen Branchen der Wirtschaft. Im September dieses Jahres veranstaltet der Management Circle bereits zum zweiten Mal ein Trendforum zum Thema "3D-Druck – hype und Realität". Der 5. Management Circle Trendforum, das diesmal bei der FabLab Würzburg stattfindet, wird eine besondere Maske bringen.

SHAPEWAYS AND THE 3D PRINTING REVOLUTION


VHS-FACHKONFERENZ 2014


Bayerisch-Russische Fachkonferenz „Wirtschaftswissenschaften"
**RESEARCH INITIATIVE**
The Digital Retail Lab is a collaboration between local fashion companies and the University of Würzburg.

**DIGITALIZATION ALONG THE FASHION VALUE CHAIN**
- Success depends on design, production and IT.
- How can „smaller“ players benefit from digitalization?

**TEAM**

**VISIT US ONLINE**
http://www.digital-retail-lab.de

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**RESEARCH TOPICS**

1. Fashion Retail Analytics
2. IoT Solutions for Smart Store Environments
3. Service Innovations for Omni-Channel Retailing

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**DIGITALIZATION ALONG THE FASHION VALUE CHAIN**

- Design
- Procurement & Production
- Logistics
- Web
- Stores
- Wholesale
Prof. Dr. Christian Janiesch

BSc/ MSc in Business Information Systems
PhD on „Contextual Method Design“

2007-2011: Senior Researcher at SAP Research Center of SAP Australia Pty Ltd in Brisbane

2011-2014: Postdoc at Karlsruhe Institute of Technology (KIT)

Since June 2014: Junior Professor for Information Management at the Julius-Maximilians-Universität Würzburg

Since February 2016: Flying Faculty at the Vietnamese-German University in Ho Chi Minh City
Core Research Areas

- Conceptual Modeling & Method Engineering
- Cloud Computing and Cyber-physical Systems, IoT
- BPM & Process Intelligence
- Real-time BI, Complex Event Processing
Recent Projects and Collaborations

1&1
- Process Modeling
- Management of the Long Tail of Business Processes

APE Engineering
- Intelligent Maintenance Control Systems
- Digitalization and the Future of Work

Data61 (formerly NICTA)
- Scalable BPM in the Cloud
Prof. Dr. Christoph M. Flath

Since 06/2014 at Uni Würzburg
- Big Data Analytics
- Energy Informatics

10/2010 – 06/2013 PhD and PostDoc at Karlsruher Institute for Technologie

05/2009 – 10/2012 Research Assistant at FZI and at WHU

10/2003 – 11/2008 Studies of Engineering management at Universität Karlsruhe (TH)
Digital Business Synergy

Secretary: Viola Höfling

Secretary: Erika Halbleib

Simon Wloczyk  Prof. Dr. Rainer Thome  Laura Bilmajer  Markus-Alexander Kötzle

Student Assistants
Studying Business IS in Würzburg
### Bachelor Business Information Systemen

180 ECTS – 6 Semester

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<th>Methods</th>
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<th>Informatics</th>
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Master Business Information Systemens

120 ECTS – 4 Semester

1st semester
A) Fundamentals (20 ECTS)

2nd semester
B) Tracks (40 ECTS)
Choice of two track: (enterprise systems, analytics, e-business, logistics)
C) Electives (15 ECTS)

3rd semester
D) Project Seminar (15 ECTS)

4th semester
E) Master Thesis (30 ECTS)
International Cooperations of the Faculty

- around **60 European universities** within the ERASMUS+-programme
- **11 partnerships** in different parts of the world
- about **130 outgoing** students per year
- about **80 incomings** per year

- Academic Coordinator for international relations: **Prof. Dr. Fehr**
- More information:
  - [go.uniwi.de/wiwi-international](http://go.uniwi.de/wiwi-international)
  - [ausland@wiwi.uni-wuerzburg.de](mailto:ausland@wiwi.uni-wuerzburg.de)
Studying Abroad in Würzburg: Focus Areas

- **Information Systems** & Supply Chain Management
  - insight into several key IS topics in the areas of BPM, analytics and enterprise resource planning systems as well as supply chain management

- **Theoretical & Applied Economics**
  - insights into microeconomics as well as macroeconomics

- **Quantitative Methods**
  - insight into working with and analyzing data and apply different software packages

- **Strategic Management, Organisation & Marketing**
  - insights into cross-cultural, international management topics as well as entrepreneurship and marketing
Studying Abroad in Würzburg: Summer

- **Information Systems & Supply Chain Management**
  - Managerial Problem Solving (Bachelor, 6 ECTS)
  - Supply Chain Management (Bachelor, 6 ECTS)
  - Financial Analysis (Bachelor, 6 ECTS)
  - Production and Operations Management (Bachelor, 6 ECTS)
  - IT Support in Supply Management (Part I & II) (Bachelor, 6 ECTS)
  - Innovation Management (Bachelor, 6 ECTS)
  - Integrated Business Processes (Bachelor, 6 ECTS)
  - Adaption and Continuous System Engineering (Bachelor, 6 ECTS)
  - Strategic Management of Global Supply Chains (Master, 6 ECTS)
  - Advanced Operations & Logistics Management (Master, 6 ECTS)
  - Supply Chain Competition - Business Simulation (Master, 6 ECTS)
  - Seminar: Logistics & Supply Chain Management (Master, 10 ECTS)
  - Seminar in IS or Logistics and SCM (Bachelor/ Master, 6 ECTS)
Information Systems & Supply Chain Management

- Seminar: Logistic & Supply Management (Bachelor, 6 ECTS)
- Fundamentals of Electronic Markets (Bachelor, 6 ECTS)
- Production and Operations Management (Bachelor, 6 ECTS)
- IT Support in Supply Management (Part I & II) (Bachelor, 6 ECTS)
- Business Process Management (Bachelor, 6 ECTS)

- Decision Support Systems (Master, 6 ECTS)
- Managerial Analytics & Decision Making (Master, 6 ECTS)
- Global Logistics & Supply Chain Management (Master, 6 ECTS)
- Current Topics in Information Systems: Real-time Process Analytics (Master, 6 ECTS)
- Supply Chain Competition - Business Simulation (Master, 6 ECTS)
- Seminar in IS or SCM (Bachelor/ Master, 6 ECTS)
Opportunities to Cooperate

- **Student Exchange Programs**
  - business information systems, business management and economics

- **Staff Mobility Programs**
  - business information systems, business management and economics

- **Research Collaborations**
  - e.g. based on ERA.Net RUS Plus Call 2017, H2020

- **Research on Supply Chain Management**
  - Cooperation in Russian possible
Do you have any questions?