

Trends & Concepts in the Software Industry
 Plattner
 Perscheid/Teusner/Dobrigkeit

Initial seminar introduction: 20.10., 15:15 (room FE.06 or via Zoom)
Kick-off workshop with various talks and group exercises: **24.11. & 25.11.**
 (room DE.9/10; groups will be assigned after the workshop)

March/April 2023: Block Week

Master Courses Digital Health
 Winter Semester 2022/23
 (Lecture Period 10/17/2022 – 02/10/2023)
 Stand: 10/28/2022

Basic Track Design Thinking (D-School) Dr. Claudia Nicolai
Advanced Track Design Thinking (D-School) Dr. Claudia Nicolai
 Weitere Informationen siehe LV-Seite

Global Design Thinking Workshop: Teamed Leadership (D-School)
 Dr. Claudia Nicolai
Wayfinder: Self- and Leadership Development (D-School)
 Dr. Claudia Nicolai

	Mo	Tue	Wed	Thu	(Thu)/Fr/(Sa)
9:00	Development of a Local Hierarchical Multi-label Classification Library Renard Miranda K-1.03	Network Security in Practice Cheng Najafi HE.51/52	Mathematics for Machine Learning Lippert L-E.03	Deep Learning for Optical Character Recognition Friedrich Cohen Doskoč K-1.04	Probabilistic Models: Modeling, Learning and Analysis Giese Adriano Maximova Schneider A1.2
10:00	Probabilistic Models: Modeling, Learning and Analysis Giese Adriano Maximova Schneider A1.2	Exercises/Tutorial Mathematics for Machine Learning Lippert L-E.03	Recent Trends in Deep Learning and AI de Melo A1.1	Probabilistic Models: Modeling, Learning and Analysis Giese Adriano Maximova Schneider A1.2	HCI Project Seminar on 3D Interaction and Personal Fabrication Baudisch H2.57/58
11:00	Introduction to IT Systems Meinel Kayem HE.51/52	Graph Neural Networks for Knowledge Graph Systems Giese Adriano Barkowsky A1.2	Big Data Systeme Rabl Benson Tolovski L-E.03	Cyber Security Management Dörr HS 3	Linear Programming and Combinatorial Optimization Friedrich Isaac Kumar K-1.04
12:00	(Neuro-) Design Thinking for Digital Engineering von Thienen HE.51/52	Cyber Security Management Dörr HS 3	From fairness to cybersecurity: accountability in machine learning for biology and medicine Renard Nowicka Bartoszewicz Lemarczyk K-1.03	Data Management for Digital Health Schapranow L-E.03	Introduction to Scientific Research Kötzing Teusner A1.2
13:00	Social Media Mining Meinel Alhosseini A 2.2	Science - Introduction to Scientific Research Kötzing Teusner A1.2	Cryptography Lehmann HS 3	Social Media Mining Meinel Alhosseini A 2.2	Science - Introduction to Scientific Research Kötzing Teusner A1.2
14:00	AI in Practice: Implementing Real-World Solutions de Melo Buz L-1.06	Mobil Communication Karl K-1.02	Fundamentals of Programming Amrich G2.U. 10-14	Excercises Cryptography Lehmann G3.E15/16	Excercises Cryptography Lehmann G3.E15/16
15:00	Research and Implementation of Database Concepts Perscheid Halfpapp Bodner, Weisgut, Justen Lindner Boissier L-1.06	Mobil Communication Karl K-1.02	Trends in BPM Research Weske Lichtenstein A1.1	Sonic Thinking - Methods of working with sound von Thienen HE.51/52	Algorithms for Programmable Matter Friedrich Sikretas K-1.04
16:00	Advanced Machine Learning Seminar Lippert L-1.06	Ethik und Dilemmata in der globalisierten Welt Buchberger From 24.10.2022 H2.57/58	Excercises Biostatistics & Epidemiological Data Analysis using R Konigorski L-E.03	Meta-Reinforcement Learning for Self-Adaptive Systems Giese Adriano Ghahremani Xu A2.1	Meta-Reinforcement Learning for Self-Adaptive Systems Giese Adriano Ghahremani Xu A2.1
17:00	Research and Implementation of Database Concepts Perscheid Halfpapp Bodner, Weisgut, Justen Lindner Boissier L-1.06	Machine Intelligence with Deep Learning Yang Bethge Hu Nickel Otholt A1.2	Graph Neural Networks for Knowledge Graph Systems Giese Adriano Barkowsky A2.1	Founder Fundamentals Pawlitschek Hahn L-1.02	Biostatistics & Epidemiological Data Analysis using R Konigorski L-E.03
18:00	Research and Implementation of Database Concepts Perscheid Halfpapp Bodner, Weisgut, Justen Lindner Boissier L-1.06	Biostatistics & Epidemiological Data Analysis using R Konigorski L-E.03	Biostatistics & Epidemiological Data Analysis using R Konigorski L-E.03	HPI-Colloquium HS 1 4pm - 5:30pm if applicable 5pm - 6:30pm	Applied Probabilistic Machine Learning Renard Richard Ulrich HE.51/52
19:00	Global Team-Based Innovation I Uebemickel de Paula DE.9/10	Global Team-Based Innovation I Uebemickel de Paula DE.9/10	Global Team-Based Innovation I Uebemickel de Paula DE.9/10	Global Team-Based Innovation I Uebemickel de Paula DE.9/10	Global Team-Based Innovation I Uebemickel de Paula DE.9/10

Block Courses

Management Essentials
Kearney
11./12.11. + 09./10.12.2022
10am - 16:00pm
HE.51/52

Managing People, Managing Teams, and Leading Change
Schäfer
14.01./28.01./11.02.2023
HE.51/52

Digital Health & Research Systems, Data
Hettmann/Prasser/Thun
18./19.11. + 09./10.12.2022
13./14.01. + 27./28.01.2023
9am - 16:30pm
FE.06

Business Simulation Strategic Management
Braun/Dabitz
13.03. + 16./17.03.2023
HE.51/52

Introduction to Data Science in Digital Health
Lippert/Konigorski
Block-Seminar March/April 2023

Intra- and inter personal Competencies
Leidenfrost
04./05.02. + 04./05.03.2023
H2.57/58

Leading Yourself and Others in a Virtual World
Drath
15./16./17.03.2023
FE.06

Leadership Skills – about the hard effects of Soft Skills
Heidemann/Linger
08./09./10.03.2023
FE.06

Global Design Thinking Workshop: Teamed Leadership (D-School)
Nicolai
27.02.2023 virtuell Kick-off
06./07.03./13./14./21./22./27.03.2023

Wayfinder: Self- and Leadership Development (D-School)
Nicolai
04.11.2022 virtuell Kick-off
18.11./02.12./20.01./03.02.2023

Verhandeln und Konfliktmanagement
Keydel
22.03./23.03./24.03.2023

- Please refer to the HPI website (curriculum descriptions, relocation plan) for any deviations in dates and locations on individual days of the course. -

Mandatory 1. Semester	Bridge Courses IT	Specialisations/ PSK Courses
Recommended 1. Sem	Courses from DH Staff	PSK Design Thinking Tracks