

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Kick-Start SAP Transformations with SAP Signavio Plug and Gain

Instructor: Julia Dorothee Meyer

This online course was held from November 14 through December 20, 2023 and comprised 3-4 hours of learning effort and 1 course assignment.

The course provided an overview about the SAP Signavio plug and gain approach and how it can improve transformation projects.

Walldorf, Germany, December 2023

openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:


Generative AI at SAP

Instructors: Sean Kask, Hadi Hares, Jana Richter

This online course was held from November 14 through December 20, 2023 and comprised 2-3 hours of learning effort.

The course provided an overview about the value of different types of artificial intelligence (AI), including generative AI, and how to leverage AI capabilities within SAP products and solutions.

Walldorf, Germany, December 2023



openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

roedle@gmx.net

Web Technologies - Backbone of the Emerging Digital World

Teaching Team: Prof. Dr. Christoph Meinel

Duration: 25.10.2023 - 19.12.2023
Language: English
Teaching form: Online Course

Course Topics:

- Introductions, URIs, and HTTP
- Fundamentals and principles of web programming (HTML, CSS, and XML)
- Web programming basics and concepts and client-side web development
- Dynamic web pages and server-side web programming
- Web search techniques, e-commerce, and online payment systems
- Learning with openHPI and cloud computing

Potsdam, December 19, 2023

openHPI is the education platform of the Hasso Plattner Institute (HPI) for Digital Engineering. Together with the University of Potsdam, the Hasso Plattner Institute forms the Digital Engineering Faculty of the University of Potsdam. The university's teaching focuses on a variety of practical and engineering-oriented study programs.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

SAP S/4HANA UX for Business and Functional Experts

Instructors: Experts from the SAP S/4HANA Regional Implementation Group

This four-week online course was held from November 7 through December 13, 2023. It comprised 4 hours of learning effort per week.

The course covered the following topics:

- Managing UX Change with SAP Fiori
- Fitting UX to Your Business Process
- Introducing Intelligent Experiences to Business
- Making Adoption Easy for Your Business Users

Walldorf, Germany, December 2023

openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Build Resilient Applications on SAP BTP with Amazon Web Services

Instructors: Experts from SAP BTP and AWS

This five-week online course was held from October 31 through December 13, 2023. It comprised 3-5 hours of learning effort per week.

The course covered the following topics:

- Basics of SAP Business Technology Platform and AWS
- Building Apps with Low-Code/No-Code and AWS
- Building Pro-Code Apps on SAP BTP and AWS
- Advanced Concepts of SAP BTP and AWS
- Building Integration Scenarios

Walldorf, Germany, December 2023

openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

SAP Logistics – Transformation from SAP ERP to SAP S/4HANA

Instructors: Florian Kuchta, Meike Helwig, Sascha Vierlinger, Carsten Abel

This three-week online course was held from November 6 through December 5, 2023.

It comprised 3-4 hours of learning effort per week.

The course covered the following topics:

- Introduction to TM and EWM in SAP S/4HANA
- Transformation from LE-TRA/LE-WM to TM/EWM
- Capabilities of Advanced TM and EWM

Waldorf, Germany, December 5

openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Build Intelligent Data Apps with SAP HANA Cloud Multi-Model

Instructor: Markus Fath

This online course was held from November 6 through December 5, 2023 and comprised 3-4 hours of learning effort.

The course provides an overview to the multi-model features in SAP HANA Cloud, including the Document Store and working with JSON data, the Spatial engine and processing geo-referenced data, as well as the Graph engine and analyzing connected data.

Walldorf, Germany, December 2023

openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:


Opportunities and Success for Partners in SAP's Industry Cloud

Instructors: Britta Fengler, Holger Brammer, Jan Schneider, Friedrich Schwindt, Finn Backer

This online course was held from October 17 through November 29, 2023. It comprised 2-3 hours of learning effort.

This course provided an introduction to industry cloud and explored the key opportunity areas for partners, as well as the resources SAP provides to them, including success stories and examples.

Walldorf, Germany, November 2023



openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

roedle@gmx.net

Knowledge Graphs - Foundations and Applications

Teaching Team: Prof. Dr. Harald Sack

Duration: 11.10.2023 - 22.11.2023
Language: English
Teaching form: Online Course

Course Topics:

- Knowledge Representation & Knowledge Graphs
- Semantic Web Technology Stack
- Ontologies and Ontological Engineering
- Knowledge Graph Construction
- Language Models and Knowledge Graph Embeddings
- Knowledge Graph Applications

Potsdam, November 20, 2023

openHPI is the education platform of the Hasso Plattner Institute (HPI) for Digital Engineering. Together with the University of Potsdam, the Hasso Plattner Institute forms the Digital Engineering Faculty of the University of Potsdam. The university's teaching focuses on a variety of practical and engineering-oriented study programs.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Modernize Integration with SAP Integration Suite

Instructors: Shilpa Vij, Piyush Gakhar, Udo Paltzer, Sunny Kapoor, Vinayak Adkoli, Karsten Strothmann, Marco Ertel

This online course was held from September 25 through October 31, 2023. It comprised 3 hours of learning effort per week.

The course covered the following topics:

- Introduction
- Elevate Your Integrations
- API and Event-Based Integration
- Application, Business, & e-Government Integration

Walldorf, Germany, October 2023

openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Migrating Data to SAP S/4HANA Using the Migration Cockpit

Instructors: Kirstin Siebenmorgen, Heike Jensen, Claudia Gemm, Loana Gericke, Martina Hoeft

This three-week online course was held from September 27 through October 26, 2023. It comprised 4 hours of learning effort per week.

The course covered the following topics:

- Staging Tables Approach and Migration Object Modeler
- Direct Transfer Approach
- Migration Object Modeler for Direct Transfer

Walldorf, Germany, October 2023

openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Migrating Data to SAP S/4HANA Cloud, Public Edition

Instructors: Elizaveta Kozhevnikova, Claudia Gemm

This online course was held from September 13 through October 19, 2023 and comprised 4 hours of learning effort.

The course provided an overview of the SAP S/4HANA migration cockpit and how you can use it to migrate your business data to the public edition of SAP S/4HANA Cloud.

Walldorf, Germany, October 2023

openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

roedle@gmx.net

An Introduction to Probabilistic Machine Learning

Teaching Team: Prof. Dr. Ralf Herbrich

Duration:	20.09.2023 - 18.10.2023
Language:	English
Teaching form:	Online Course

Course Topics:

- Probabilistic inference methods including Bayesian and Maximum Likelihood
- ML algorithm development based on message passing in factor graphs
- Ranking models and TrueSkill algorithm
- Bayesian linear regression and classification algorithms
- Gaussian process regression
- Modelling image and text data

Potsdam, October 4, 2023

Verify online: <https://open.hpi.de/verify/xopar-bekys-somer-rubil-cemok>

openHPI is the education platform of the Hasso Plattner Institute (HPI) for Digital Engineering. Together with the University of Potsdam, the Hasso Plattner Institute forms the Digital Engineering Faculty of the University of Potsdam. The university's teaching focuses on a variety of practical and engineering-oriented study programs.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Climate Action with SAP Sustainability Footprint Management

Instructors: Gunther Rothermel, Daniel Schmid, and others

This three-week online course was held from September 12 through October 11, 2023. It comprised 3 hours of learning effort per week.

The course covered the following topics:

- Climate Action – The Challenge
- Climate Action – The Solutions
- SAP Sustainability Footprint Management in Detail

Walldorf, Germany, October 2023

openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

roedle@gmx.net

Blick hinter den Hype: Aktuelle Entwicklungen rund um KI, Blockchain und IoT

Kursleitung: Prof. Dr. Christoph Meinel

Laufzeit: 30.08.2023 - 10.10.2023

Sprache: Deutsch

Lehrform: Online-Kurs

Kursthemen:

- Geräte, Protokolle und Anwendungsbeispiele des IoT
- Grundbegriffe der Künstlichen Intelligenz und des Maschinellen Lernens
- Deep Learning, Neuronale Netze und Anwendungsbeispiele von KI
- Verteilte Systeme und Vertrauensmodelle
- Konsistenzalgorithmen und Fehlermodelle in verteilten Systemen
- Anwendungsbeispiele verteilter Systeme: Bitcoin, Ethereum und SSI

Potsdam, 11. Oktober 2023

openHPI ist die Internet-Bildungsplattform des Hasso-Plattner-Instituts (HPI) für Digital Engineering. Das Hasso-Plattner-Institut bildet gemeinsam mit der Universität Potsdam die Digital Engineering Fakultät der Universität Potsdam. Im Mittelpunkt der universitären Lehre stehen diverse praxisnahe und ingenieurwissenschaftlich orientierte Studiengänge.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Use Cases for the Machine Learning Cockpit in SAP Business ByDesign

Instructors: Dalibor Knis, Murthy V, Sanjay Porwal, Hitesh Bindal, Sandeep Janardan

This online course was held from August 15 through September 27, 2023. It comprised 5 hours of learning effort per week.

The course covered the following topics:

This second course on the Machine Learning Cockpit increased learners' expertise by providing them with hands-on experience in implementing eight different machine learning use cases end-to-end.

Walldorf, Germany, September, 2023

openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Drive SAP S/4HANA Transformations with SAP Signavio Solutions

Instructors: Experts from SAP Signavio Solutions

This six-week online course was held from June 13 through August 2, 2023. It comprised 2-4 hours of learning effort per week.

The course covered the following topics:

- Introduction to Business Transformation with SAP
- Business Process Management Fundamentals
- Analyze and Enhance Your Processes
- Design Your Processes
- Implement and Enable Your Processes
- Continuous Improvement and Enhanced Analytics

Walldorf, Germany, August 2023

openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Digital Manufacturing

Instructors: John Parker, John Cohenour,
Subanatarajan Subbiah, Thilo Sieth, Matthias Hollenders

This online course was held from June 27 through August 2, 2023. It comprised 2-3 hours of learning effort.

This course provided an introduction to key functionality for each component of SAP Digital Manufacturing by walking through a simplified manufacturing process.

Walldorf, Germany, August 2023

openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

How to Use the Machine Learning Cockpit for SAP Business ByDesign

Instructors: Simona Marincei, Dalibor Knis

This online course was held from June 20 through July 26, 2023. It comprised 5 hours of learning effort.

The course provided detailed knowledge about the Machine Learning Cockpit for SAP Business ByDesign and how to use it to create, train, and run predictive scenarios end-to-end.

Walldorf, Germany, July 2023

openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

roedle@gmx.net

Quantenalgorithmen und -implementierung Teil 2 und 3

Kursleitung: Prof. Dr. Gerhard Hellstern

Laufzeit: 14.06.2023 - 25.07.2023

Sprache: Deutsch

Lehrform: Online-Kurs

Kursthemem:

- Bernstein-Vazirani und Simons Algorithmus, Umsetzung in Qiskit
- Quanten Phase Estimation und Quanten Fourier Transformation
- Shors Algorithmus sowie der HHL Algorithmus, Umsetzung in Qiskit
- Quanten Monte Carlo Simulation und Quadratische Optimierungsprobleme
- Praktische Einführung in Quantum Machine Learning
- Umsetzung der Anwendungen mit Qiskit bzw. PennyLane

Potsdam, 14. Juli 2023

openHPI ist die Internet-Bildungsplattform des Hasso-Plattner-Instituts (HPI) für Digital Engineering. Das Hasso-Plattner-Institut bildet gemeinsam mit der Universität Potsdam die Digital Engineering Fakultät der Universität Potsdam. Im Mittelpunkt der universitären Lehre stehen diverse praxisnahe und ingenieurwissenschaftlich orientierte Studiengänge.

Joerg Roedle

roedle@gmx.net

Data Science Bootcamp

Teaching Team: Mohamed Elhayany, Hendrik Steinbeck

Duration:	07.06.2023 - 16.07.2023
Language:	English
Teaching form:	Online Course

Course Topics:

- Intro to data science and visualization
- EDA and statistical analysis
- Data cleaning and preprocessing
- Machine learning

Potsdam, July 16, 2023

Verify online: <https://open.hpi.de/verify/xulof-secem-hamel-nudeh-gunum>



openHPI is the education platform of the Hasso Plattner Institute (HPI) for Digital Engineering. Together with the University of Potsdam, the Hasso Plattner Institute forms the Digital Engineering Faculty of the University of Potsdam. The university's teaching focuses on a variety of practical and engineering-oriented study programs.

Joerg Roedle

roedle@gmx.net

ChatGPT: Was bedeutet generative KI für unsere Gesellschaft?

Kursleitung: Johannes Hötter, Christian Warmuth

Laufzeit: 14.06.2023 - 12.07.2023

Sprache: Deutsch

Lehrform: Online-Kurs

Kursthemen:

- Zentrale Begrifflichkeiten sowie die Funktionsweise von generativer KI
- Praktische Anwendungsfälle und Möglichkeiten von generativer KI
- Implikationen und Einschränkungen von generativer KI
- Aktuelle Forschungsgebiete und mögliche Auswirkungen auf Bereiche des täglichen Lebens

Potsdam, 7. Juli 2023

openHPI ist die Internet-Bildungsplattform des Hasso-Plattner-Instituts (HPI) für Digital Engineering. Das Hasso-Plattner-Institut bildet gemeinsam mit der Universität Potsdam die Digital Engineering Fakultät der Universität Potsdam. Im Mittelpunkt der universitären Lehre stehen diverse praxisnahe und ingenieurwissenschaftlich orientierte Studiengänge.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Using the Optimizer for SQLScript Programming in SAP HANA

Instructors: Jin Yeon Lee, Tae-Suk Son, Helen Shin, Minjeong Lee

This three-week online course was held from June 13 through July 12, 2023. It comprised 3-4 hours of learning effort per week.

The course covered the following topics:

- Understanding SAP HANA SQLScript Optimizer
- SAP HANA SQLScript Supportability Features
- Investigating SQLScript Performance Caused by SQL

Walldorf, Germany, July 2023

openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

roedle@gmx.net

Einführung ins Quantencomputing - Schulversion (mit IBM Quantum)

Kursleitung: Isabel Nha Minh Le, Marcel Pfaffhauser, Manuel Wirth

Laufzeit: 31.05.2023 - 11.07.2023

Sprache: Deutsch

Lehrform: Online-Kurs

Kursthemen:

- Grundlagen zum Qubit und dessen Zuständen
- Konzepte der Superposition und Quantenverschränkung
- Einführung zum IBM Quantum Composer
- Erstellung, Ausführung und Messung einfacher Algorithmen auf einem IBM
- Quantum Simulator

Potsdam, 30. Juni 2023

openHPI ist die Internet-Bildungsplattform des Hasso-Plattner-Instituts (HPI) für Digital Engineering. Das Hasso-Plattner-Institut bildet gemeinsam mit der Universität Potsdam die Digital Engineering Fakultät der Universität Potsdam. Im Mittelpunkt der universitären Lehre stehen diverse praxisnahe und ingenieurwissenschaftlich orientierte Studiengänge.

TEILNAHMEBESTÄTIGUNG

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Understanding and Implementing the SAP Mobile Experience

Instructors: Product managers and experts from SAP's Mobile Experience & Engineering unit.

This three-week online course was held from May 31 through June 29, 2023. It comprised 2-3 hours of learning effort per week.

The course covered the following topics:

- Discover SAP's Mobile Experience
- Set Up and Try Out SAP's Mobile Solutions
- Design, Develop, and Operate Mobile Solutions

Walldorf, Germany, June 2023

openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

SAP PLM for Process Industries

Instructors: SAP PLM for Process Industries Product Experts and SAP Partners

This six-week online course was held from May 9 through June 28, 2023. It comprised 1-3 hours of learning effort per week.

The course covered the following topics:

- Introducing SAP PLM for Process Industries
- Digitize the Define Phase
- Streamline the Development Process
- Collaborate Across Enterprise Boundaries
- Deliver and Operate in a Well-Maintained Plant
- Get Started and Technical Foundation

Walldorf, Germany, June 2023

openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

SAP PLM for Discrete Industries

Instructors: SAP PLM for Discrete Industries Product Experts and SAP Partners

This six-week online course was held from May 9 through June 28, 2023. It comprised 1-3 hours of learning effort per week.

The course covered the following topics:

- Introducing SAP PLM for Discrete Industries
- Digitize the Define Phase
- Streamline the Development Process
- Collaborate Across Enterprise Boundaries
- Deliver and Operate in a Well-Maintained Plant
- Get Started and Technical Foundation

Walldorf, Germany, June 2023

openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Introduction to SAP Datasphere

Instructors: Experts from our Data Warehousing Product Management team and business process consultants from the SAP Analytics & Insight Portfolio team

This three-week online course was held from May 24 through June 22, 2023. It comprised 3-4 hours of learning effort per week.

The course covered the following topics:

- Introduction and Data Modeling
- Advanced Data Modeling
- What Else You Should Know About

Walldorf, Germany, June 2023

openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Design for a Circular Economy

Instructors: SAP Circular Design Product Experts
and SAP Partners

This three-week online course was held from May 23 through June 21, 2023. It comprised 1-3 hours of learning effort per week.

The course covered the following topics:

- What Is Design?
- Circular Design and Packaging
- How Is SAP Tackling Design for a Circular Economy?

Walldorf, Germany, June 2023

openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

roedle@gmx.net

Quantum Optimization (with IBM Quantum)

Teaching Team: Julien Gacon, Dr. Daniel J. Egger,
Dr. Stefan Woerner, Lucía Cuervo Valor

Duration:	24.05.2023 - 06.06.2023
Language:	English
Teaching form:	Online Course

Course Topics:

- Types of optimization problems and advantage of using quantum computing
- Mapping combinatorial optimization problems to Ising Hamiltonians, suitable to solve on annealers and gate-based quantum computers
- Quantum approximate optimization and Grover Adaptive Search
- Implementation aspects of quantum algorithms on superconducting hardware
- Possible applications, challenges, and outlook of quantum optimization

Potsdam, June 5, 2023

openHPI is the education platform of the Hasso Plattner Institute (HPI) for Digital Engineering. Together with the University of Potsdam, the Hasso Plattner Institute forms the Digital Engineering Faculty of the University of Potsdam. The university's teaching focuses on a variety of practical and engineering-oriented study programs.

Joerg Roedle

roedle@gmx.net

Programmieren lernen mit Python - Schulversion

Kursleitung: Kira Grammel, Nina Ihde, Selina Reinhard und Sebastian Serth

Laufzeit: 27.02.2023 - 04.06.2023

Sprache: Deutsch

Lehrform: Online-Kurs

Kursthemen:

- Grundkonzepte der Programmierung in Python
- Grafische Ausgaben mit der Turtle-Bibliothek
- Verzweigungen, Schleifen, Listen, Funktionen und Eingabe
- Entwicklung des Computerspielklassikers Snake
- Eigenständige Erarbeitung von komplexen Programmierlösungen

Potsdam, 28. Mai 2023

openHPI ist die Internet-Bildungsplattform des Hasso-Plattner-Instituts (HPI) für Digital Engineering. Das Hasso-Plattner-Institut bildet gemeinsam mit der Universität Potsdam die Digital Engineering Fakultät der Universität Potsdam. Im Mittelpunkt der universitären Lehre stehen diverse praxisnahe und ingenieurwissenschaftlich orientierte Studiengänge.

Joerg Roedle

roedle@gmx.net

Objektorientierte Programmierung in Java - Schulversion

Kursleitung: Christiane Hagedorn, Sebastian Serth und Thomas Staubitz

Laufzeit: 27.02.2023 - 04.06.2023

Sprache: Deutsch

Lehrform: Online-Kurs

Kursthemen:

- Variablen und grundlegende Programmstrukturen
- Eigenschaften von Klassen und Objekten
- Bedingungen, Schleifen und Arrays
- Sichtbarkeiten, Überladung und Vererbung
- Objektdatentypen und Typumwandlungen

Potsdam, 27. Mai 2023

openHPI ist die Internet-Bildungsplattform des Hasso-Plattner-Instituts (HPI) für Digital Engineering. Das Hasso-Plattner-Institut bildet gemeinsam mit der Universität Potsdam die Digital Engineering Fakultät der Universität Potsdam. Im Mittelpunkt der universitären Lehre stehen diverse praxisnahe und ingenieurwissenschaftlich orientierte Studiengänge.

Joerg Roedle

roedle@gmx.net

Quanteninformation und -Kryptographie - Teil 3

Kursleitung: Prof. Dr. Jörg Hettel

Laufzeit: 03.05.2023 - 23.05.2023

Sprache: Deutsch

Lehrform: Online-Kurs

Kursthemen:

- Multi-Qubit-Verschränkung
- Multi-Qubit-Teleportation
- Repeater und Quantennetzwerke
- Quanten-Fehlerkorrektur
- Anwendungen in einem Quanteninternet

Potsdam, 13. Mai 2023

openHPI ist die Internet-Bildungsplattform des Hasso-Plattner-Instituts (HPI) für Digital Engineering. Das Hasso-Plattner-Institut bildet gemeinsam mit der Universität Potsdam die Digital Engineering Fakultät der Universität Potsdam. Im Mittelpunkt der universitären Lehre stehen diverse praxisnahe und ingenieurwissenschaftlich orientierte Studiengänge.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

SAP Focused Run – Operations of Hybrid Landscapes

Instructors: Janko Budzisch, Stefan Lahr, Thomas Merta

This three-week online course was held from April 17 through May 16, 2023. It comprised 4-5 hours of learning effort per week.

The course covered the following topics:

- Overview and SAP Focused Run Use Cases – Part 1
- SAP Focused Run Use Cases – Part 2
- SAP Focused Run Use Cases – Part 3 and Summary

Walldorf, Germany, May 2023

openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

roedle@gmx.net

Einführung in das Quantencomputing - Teil 3

Kursleitung: Prof. Dr. Bettina Just

Laufzeit: 12.04.2023 - 05.05.2023

Sprache: Deutsch

Lehrform: Online-Kurs

Kursthemen:

- Quantenorakel
- Quantum Phase Kickback
- Quantenfehlerbehebung
- Nutzen komplexer Amplituden
- Adiabatisches Quantum Annealing

Potsdam, 24. April 2023

openHPI ist die Internet-Bildungsplattform des Hasso-Plattner-Instituts (HPI) für Digital Engineering. Das Hasso-Plattner-Institut bildet gemeinsam mit der Universität Potsdam die Digital Engineering Fakultät der Universität Potsdam. Im Mittelpunkt der universitären Lehre stehen diverse praxisnahe und ingenieurwissenschaftlich orientierte Studiengänge.

TEILNAHMEBESTÄTIGUNG

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Your HR Journey to the Cloud

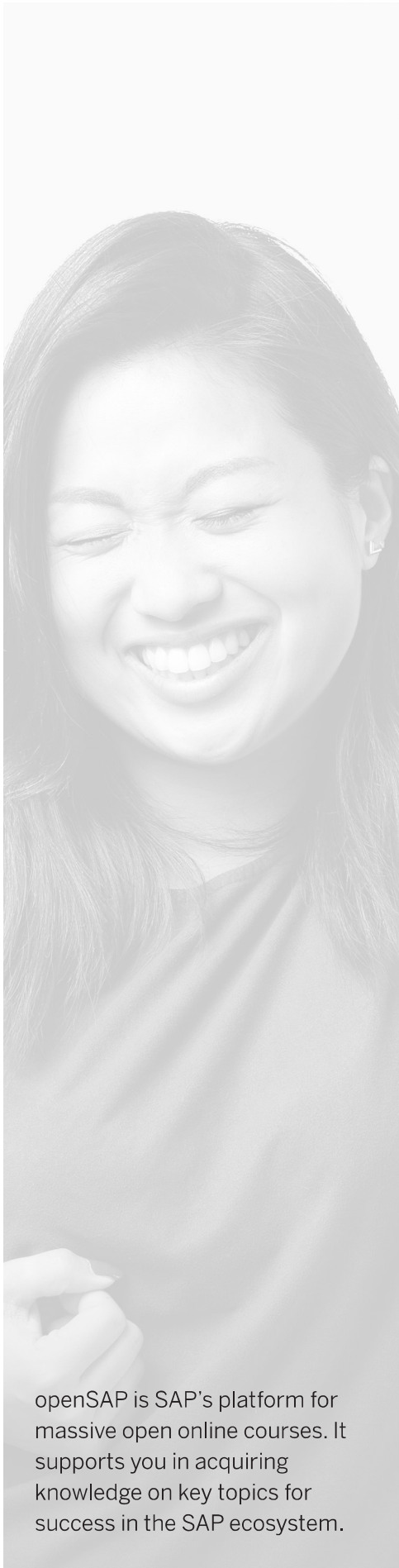
Instructors: Wim Valstar, Chiara Bersano, Duncan Scott, Smitha Kondajji, Todd Asevedo, Mick Collins, Oscar Roncero

This four-week online course was held from March 31 through April 26, 2023. It comprised 2-3 hours of learning effort per week.

The course covered the following topics:

- The Case for a New HR
- Tools to Help You
- You Asked, We Answer
- What You Need to Consider

Walldorf, Germany, April 2023



openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

roedle@gmx.net

Energy Efficient Programming

Teaching Team: Prof. Dr. Vesselin Iossifov, Nils König

Duration:	12.04.2023 - 26.04.2023
Language:	English
Teaching form:	Online Course

Course Topics:

- CO2 consumption caused by IT and possible CO2 savings with IT
- Performance and energy consumption of computers
- Pipelining and superscalar concepts
- Intel x86 Programming
- Streaming Instructions and Packed Data Arithmetic as Intrinsics
- How to measure energy consumption and performance with Intel VTune

Potsdam, April 19, 2023

openHPI is the education platform of the Hasso Plattner Institute (HPI) for Digital Engineering. Together with the University of Potsdam, the Hasso Plattner Institute forms the Digital Engineering Faculty of the University of Potsdam. The university's teaching focuses on a variety of practical and engineering-oriented study programs.

Joerg Roedle

roedle@gmx.net

Internetworking 2023

Kursleitung: Prof. Dr. Christoph Meinel

Laufzeit: 01.03.2023 - 12.04.2023

Sprache: Deutsch

Lehrform: Online-Kurs

Kursthemen:

- Computernetzwerke
- Netz der Netze, Internet-Protokolle
- Transport von Nachrichten durchs Netz
- Internetanwendungen
- Sicherheit im Netz

Potsdam, 12. April 2023

openHPI ist die Internet-Bildungsplattform des Hasso-Plattner-Instituts (HPI) für Digital Engineering. Das Hasso-Plattner-Institut bildet gemeinsam mit der Universität Potsdam die Digital Engineering Fakultät der Universität Potsdam. Im Mittelpunkt der universitären Lehre stehen diverse praxisnahe und ingenieurwissenschaftlich orientierte Studiengänge.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Building AI and Sustainability Solutions on SAP BTP

Instructors: Yatsea Li, Alice Magnani, Cesare Calabria, Jacob Tan, Quintus Smith, Mostafa Sharaf

This five-week online course was held from February 20 through April 4, 2023. It comprised 2-3 hours of learning effort per week.

The course covered the following topics:

- AI and Sustainability
- Enterprise AI in Action – Defect Detection
- Enterprise AI in Action – Sound-Based Predictive Maintenance
- Embedding AI into a Custom Application on SAP BTP
- Collaborative Enterprise Planning

Walldorf, Germany, April 2023

openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Integration for the Intelligent Sustainable Enterprise

Instructors: SAP product and solution managers

This four-week online course was held from February 21 through March 29, 2023. It comprised 4 hours of learning effort per week.

The course covered the following topics:

- Introduction and High-Level Overview
- SAP Business Technology Platform Services
- E2E Business Processes (Part 1)
- E2E Business Processes (Part 2)

Walldorf, Germany, March 2023

openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Getting Started with ESG Steering and Reporting

Instructors: Jonas Dennler, Daniel Schmid, Gunther Rothermel, and others

This three-week online course was held from February 21 through March 22, 2023. It comprised 4 hours of learning effort per week.

The course covered the following topics:

- The Corporate Sustainability Journey
- Drivers for Corporate Sustainability
- From Insights to Performance Management

Waldorf, Germany, March 2023

openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

roedle@gmx.net

Inside the Belly of a Search Engine

Teaching Team: Dr. Anne Kayem

Duration: 22.02.2023 - 20.03.2023
Language: English
Teaching form: Online Course

Course Topics:

- Search Engine Types for Web Information Retrieval
- Index Based Search Engines
- Data Preparation, Analysis, and Retrieval
- Document Discovery
- Ranking and Relevance of Search Engine Results
- Monetisation, Services, and Usage Scenarios

Potsdam, March 14, 2023

openHPI is the education platform of the Hasso Plattner Institute (HPI) for Digital Engineering. Together with the University of Potsdam, the Hasso Plattner Institute forms the Digital Engineering Faculty of the University of Potsdam. The university's teaching focuses on a variety of practical and engineering-oriented study programs.

Joerg Roedle

roedle@gmx.net

Introduction to Bayesian Data Analysis

Teaching Team: Prof. Dr. Shravan Vasishth, Dr. Anna Laurinavichyute

Duration:	25.01.2023 - 13.03.2023
Language:	English
Teaching form:	Online Course

Course Topics:

- Fundamental properties of random variables and probability distributions
- Application of Bayes' rule in data analysis
- Computational Bayesian data analysis
- Visualization and interpretation of prior and posterior distributions
- Bayesian regression and hierarchical models
- Bayesian regression models using brms (a front-end for Stan)

Potsdam, February 25, 2023

openHPI is the education platform of the Hasso Plattner Institute (HPI) for Digital Engineering. Together with the University of Potsdam, the Hasso Plattner Institute forms the Digital Engineering Faculty of the University of Potsdam. The university's teaching focuses on a variety of practical and engineering-oriented study programs.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

AI Ethics at SAP

Instructor: Sebastian Wieczorek

This online course was held from January 17 through February 15, 2023 and comprised 4 hours of learning effort.

The course provided an overview of the importance and principles of ethics in the context of artificial intelligence (AI) and how SAP implements AI ethics in the development, deployment, use, and sale of AI systems.

Walldorf, Germany, February 2023

openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

SAP Master Data Integration in the Intelligent Enterprise

Instructor: Featuring experts from the MDI and MDO team

This three-week online course was held from January 16 through February 14, 2023. It comprised 3-4 hours of learning effort per week.

The course covered the following topics:

- General Overview and Information
- End-to-End Scenarios and Extensibility
- Beyond SAP Master Data Integration

Walldorf, Germany, February 2023

openSAP is SAP's platform for massive open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

roedle@gmx.net

Quantum Machine Learning

Teaching Team: Dr. Christa Zoufal, Julien Gacon, Dr. David Sutter
(IBM Quantum Research)

Duration:	11.01.2023 - 25.01.2023
Language:	English
Teaching form:	Online Course

Course Topics:

- Understand how to build basic and advanced quantum machine learning models
- Implement classical and quantum algorithms to solve machine learning tasks with Python and Qiskit
- Learn about roadblocks and challenges of quantum machine learning
- Explore the future prospects of quantum machine learning

Potsdam, January 19, 2023

openHPI is the education platform of the Hasso Plattner Institute (HPI) for Digital Engineering. Together with the University of Potsdam, the Hasso Plattner Institute forms the Digital Engineering Faculty of the University of Potsdam. The university's teaching focuses on a variety of practical and engineering-oriented study programs.