unlock
the future.

Digital skills
that open doors.

scheer school of
digital sciences
at saarland
university
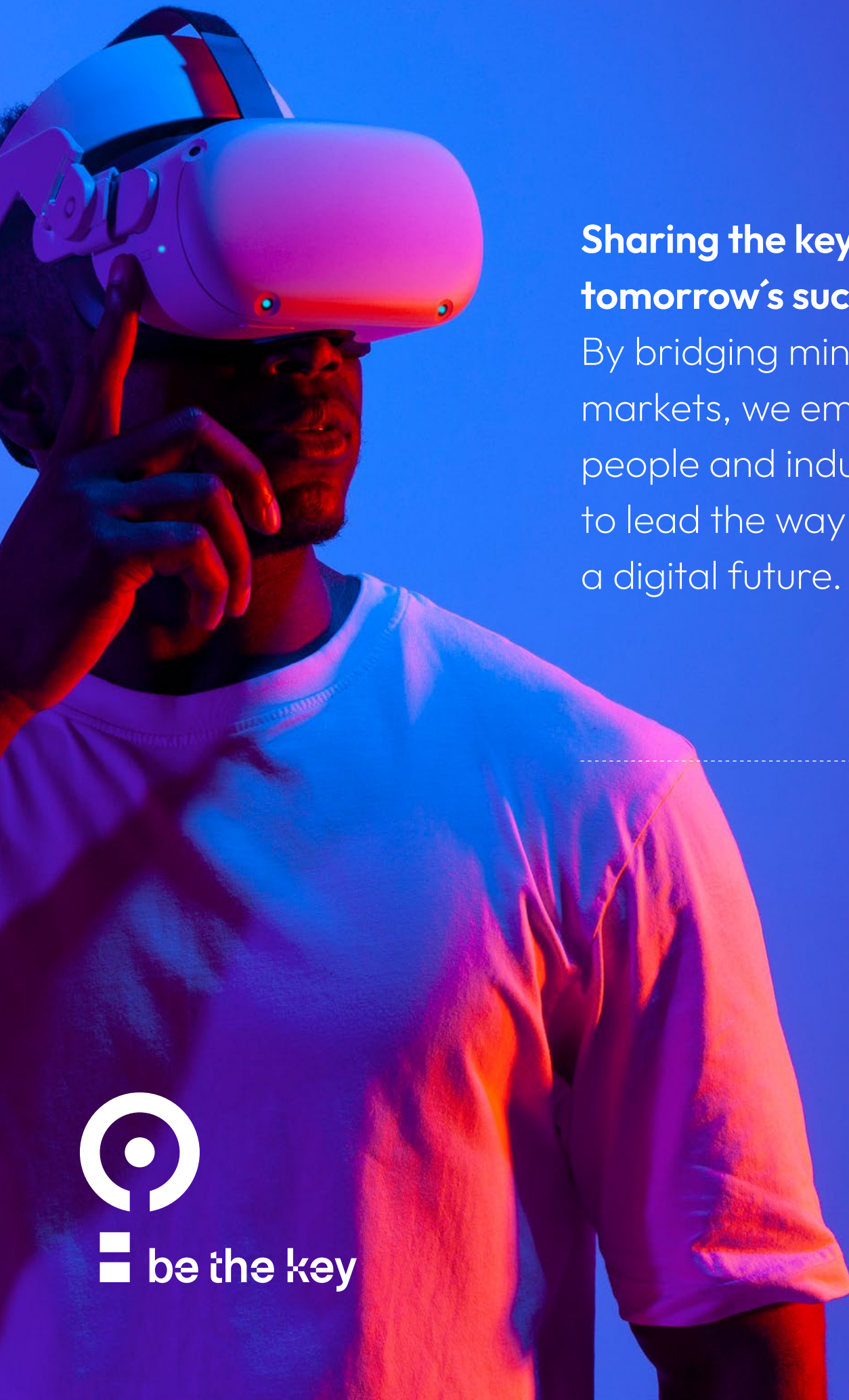
Sharing the key to tomorrow´s success. By bridging minds and markets, we empower people and industries to lead the way to a digital future.

be the key

Education is pivotal to quickly equipping people of all ages with the skills they need for present and future challenges. The Scheer School of Digital Sciences at Saarland University is the key to a successful digital future. We bring together academic expertise and practical application – building a bridge between science and business. Our aim is not only to enable people and companies to understand digital change but also to actively shape it.

We lead the way in digital education through innovative learning formats, interdisciplinary programmes and close industry partnerships. Our unique, international learning environment prepares our learners to succeed in a constantly changing world and create real added value from day one.

CONTENT

Welcome
to the Future of Learning

Digital transformation is changing business models, processes and demands on skilled workers at an incredible pace. This is exactly where the Scheer School of Digital Sciences comes into play – an initiative of Saarland University and the August-Wilhelm Scheer Institute, aimed at promoting digital skills and equipping professionals for the future.

What do we offer? Certificates and study programmes covering everything from artificial intelligence and data science to digital leadership. Our practice-oriented, flexible professional development programmes are designed in close collaboration with industry experts and combine academic knowledge with direct application. We build on existing knowledge and empower rethinking from a digital perspective.

Our values: innovation, flexibility and relevance. We use transformative approaches and encourage experimentation. Our dynamic learning environment focuses on teamwork, self-organised learning and individual development. We challenge conventional norms to create a future-oriented learning culture.

Our goal? Not just to transfer knowledge, but to enable real change. We want our graduates to drive technological progress and also shape sustainable developments and social change. They will emerge as progressive thinkers who understand, steer and actively shape transformation. The Scheer School of Digital Sciences is a platform for continuous innovation, lifelong learning and a community with the ability to grow beyond itself.

Sebastian Kreibich

Benedikt Schnellbächer

A Word
from Our Stakeholders

Honorary President:
Prof. Dr. Dr. h.c. mult. August-Wilhelm Scheer

As a renowned scientist, entrepreneur and visionary, Prof. Dr. Dr. h.c. mult. August-Wilhelm Scheer has been driving digitalisation for decades. His founding of the Scheer School is a focused endeavour to bring together science and real-world application for the purpose of training experts who not only understand digital technologies, but also actively shape them.

"The School has been set up in response to the demand for specialists with digital skills. Tomorrow's experts not only need to learn how to develop digital technologies but also how to apply them in practice and think ahead. And in particular, how digitalisation can help Saarland businesses with their transformation. We are rising to this challenge."

University President:
Prof. Dr. Ludger Santen

For Prof. Dr. Ludger Santen, the Scheer School is a key asset for strengthening Saarland University's role as a driver of innovation in the region and for expanding courses through new formats. Close ties with companies and public institutions make it possible to offer practical, future-focused courses.

"The Scheer School of Digital Sciences offers innovative learning opportunities aimed at training the specialists of tomorrow. The idea is that digital technologies are not just taught, but that their practical application is also promoted to boost the competitiveness of regional companies."

The Scheer
School **Concept**

Immerse yourself in the world of digital sciences in a practical, cross-industry and future-focused environment. Use data-driven methods and adaptive learning to develop the skills you need for tomorrow's challenges.

Our programmes are based on three key dimensions:

→ **Digital areas:** You will deepen your knowledge in key areas of digitalisation, from software applications and data-driven process management to developing an entrepreneurial mindset.

→ **Industries:** Learn how digital technologies are transforming diverse sectors across public administration, industry and retail. We will build on your expertise and equip you with the digitalisation skills you need to successfully master the challenges in your field.

→ **Transformation:** Digital technologies aren't just changing business models, but also the way we work and think. We show you how to actively shape this change with agile methods, user-centred design and future-oriented innovation processes.

OUR LEARNING

APPROACH

Your personal learning journey with a blended learning format: learning with structure – but flexibly. Our courses combine online sessions, attendance days (approx. 20 %) and self-directed learning time (approx. 80 %).
This means: you can organise the majority of your learning time to suit your lifestyle while taking advantage of interactive live sessions too. This way, learning will fit in with your everyday life.

Industries

- Digital Sciences for Transformation
- Digital Sciences for GovTech
- Digital Sciences for Smart Manufacturing
- Digital Sciences for Green Steel
- Digital Sciences for Future Mobility
- Digital Sciences for Digital Retail

Digital Areas

- Complex Thinking
- Software Application and Integration
- Innovative Design & Product Development
- Entrepreneurial Thinking
- Process & Data Management
- Living & Working in a Digital Society

Transformation

- Data-driven Companies
- Adaptive Learning Process
- User-centred Experiences
- Digital Strategy
- Future Driven Design

Transformative

- Industry and Public Sector Partnerships
  (Promoting Real Case-based Learning)
- Agile, Project-based Work incl.
  Pitch at End of Course (Integration
  of Agile Methods)
- Learn How to Use Digital Tools
  (e.g. GenAI) in a Work Context
  (Digital Transformation)

Learner-centred

- Self-organised Daily and Weekly
  Learning Activities (Self-paced Learning)
- Guided Group Activities (Collaborative Learning)
- Feedback Surveys at the End of the Course
  (Data-based Optimisation Process)

Empowered

- Journaling for Setting Goals
  (Self-Management)
- Work-related Tasks
  (Skills Acquisition)
- 360° Feedback (Growth Mindset)

On your way to successful learning:

Our Content Factory

Our goal: besides being outstanding in terms of their subject matter, our certificates and study programmes on digital transformation are also practical, interactive and directly applicable.

Our approach: we work hand in hand with academic and industry experts to develop high-quality learning content that is researched, curated and structured with supporting digital tools and AI. This content forms the basis for our teaching, providing real practical relevance and valuable first-hand insights. In this way, we ensure that our knowledge isn't just current, but also practical and future-ready.

Our methods include:

✔ **Self-organised learning & collaboration** – You manage your learning process, combine individual learning phases with interactive group projects, and develop valuable self-organisation and team skills in the process.

✔ **Agile & project-based working** – Practice-oriented learning by tackling real challenges. We prioritise flexible working methods that help put your learning into practice.

✔ **Learner-centred approach** – You decide on your journey and we support you. With a clear focus on lifelong learning and continuous development.

✔ **Industry & public sector partnerships** – Your learning will be based on real-world case studies, enabled by our strong partnerships with industry and the public sector.

✔ **Journaling** – Each week, you will set yourself three personal learning goals that you will review in your personal journal on an ongoing basis. This helps you to visualise your progress and manage your development with purpose.

Content Factory Lead: **Dr. Christine Eckert**

"At the Scheer School of Digital Sciences, we initiate processes at various levels. This includes the personal transformation processes of our learners, which we get to experience through face-to-face encounters on campus, at their companies and at transformation locations."

**Do you need to know
more about what we offer?
Then get in touch with us!**

Dr. Christine Eckert
Content Factory Lead
content-factory@scheer-school.com

Our 2025 Programmes

What should learning be like in a changing world?

At the Scheer School, we have created a range of courses that are practical, flexible and future-oriented with excellent regional and international networking. Our certificate courses are aimed at people who not only want to keep pace with digital transformation, but also actively shape it. Whether artificial intelligence, data sciences or digital leadership, we address subjects that matter today and will become even more important tomorrow. We also take great care to ensure that our courses remain flexible and are compatible with everyday working life.

➔ **Hand in hand with real-world practice**
Our programmes are practice-oriented and are developed in collaboration with industry leaders and public institutions. Tandem teaching teams of industry experts and professors deliver directly applicable training.
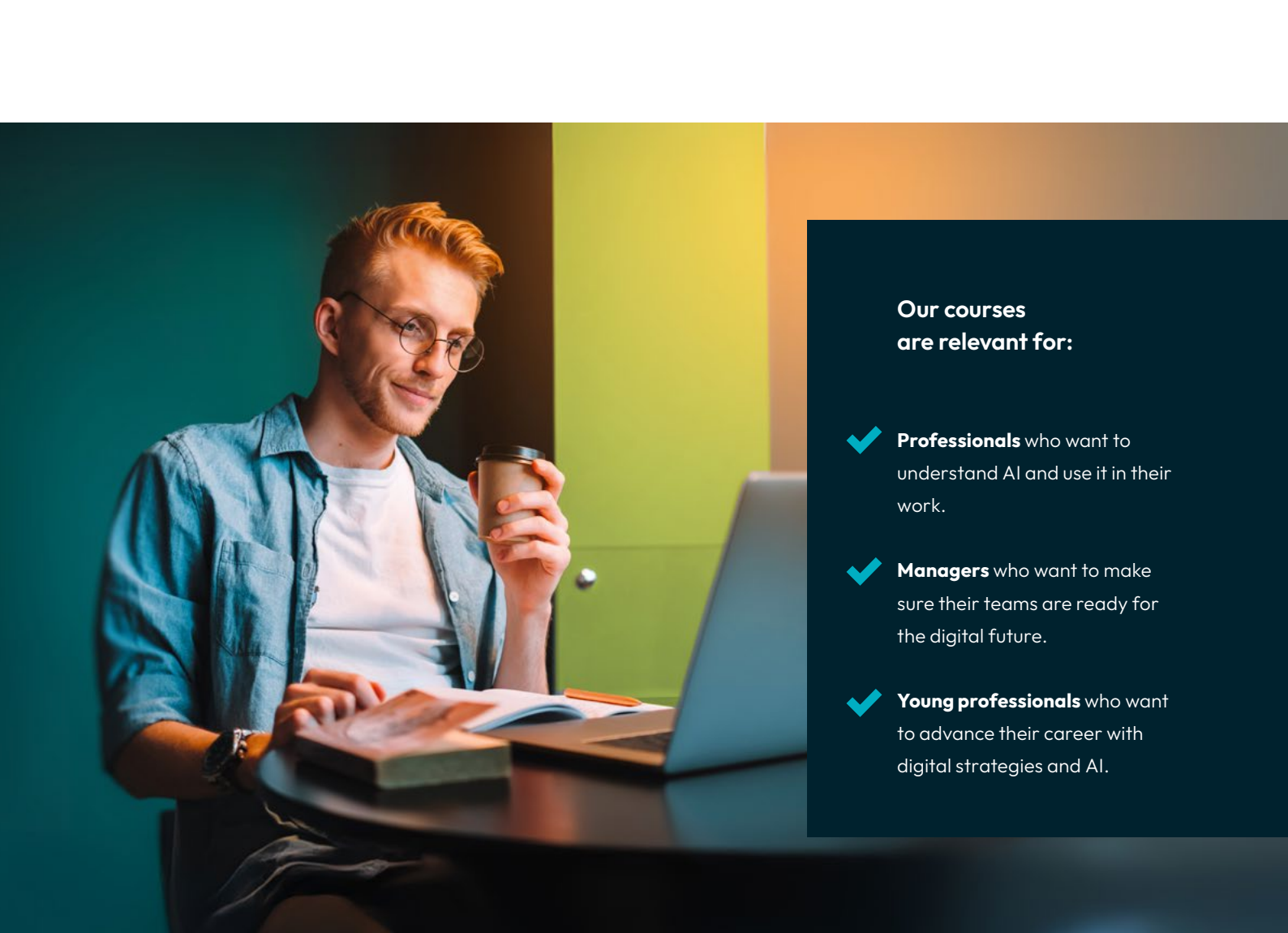
➔ **Blended learning – a flexible approach**
The courses have a blended learning format, with a combination of online session and attendance days. This allows you to be flexible in your learning and keep a practical focus.

➔ **Learning through cross-disciplinary interaction**
Collaborative interaction is at the heart of what we offer, whether it's part of a diverse cohort or within your own team. Dialogue between different industries and companies opens up new perspectives and broadens horizons in terms of digital challenges.

➔ **Tailored to company-specific requirements**
Our certificates can be flexibly tailored to meet the specific requirements of your company. With our 'Bring your own ...' approach, we integrate current issues directly into the learning process to develop practical solutions.

**Our courses
are relevant for:**

✔ **Professionals** who want to understand AI and use it in their work.

✔ **Managers** who want to make sure their teams are ready for the digital future.

✔ **Young professionals** who want to advance their career with digital strategies and AI.

➔ **Certificates with ECTS points – ideal for further qualification**
Our certificates are ECTS-based and can be fully credited towards programmes such as our master's degree 'DIGITAL SCIENCES FOR TRANSFORMATION'.

➔ **Recognised by renowned institutions**
Our certificates are accredited by Saarland University. Our master's degree 'Digital Sciences for Transformation' also complies with the highest academic standards and has been awarded the seal of the German Accreditation Council through the system accreditation process at Saarland University.

➔ **For experienced professionals and academics – diversity is welcome**
Our programmes are not aimed solely at university graduates, but also at people with vocational training and relevant professional experience. We value both practical experience and academic qualifications.
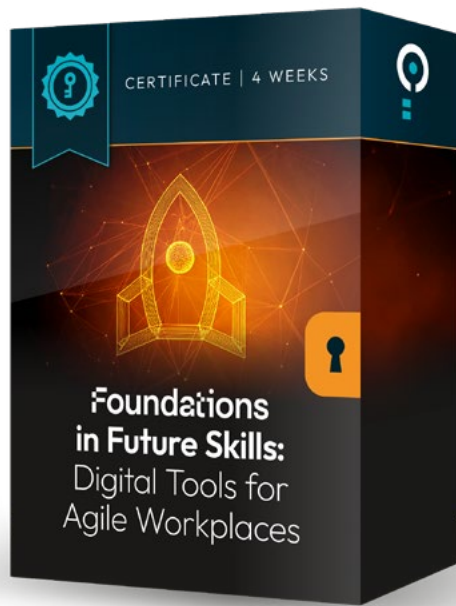
Foundations in Future Skills:
Digital Tools for Agile Workplaces

FUTURE SKILLS FOR

MODERN WORKING ENVIRONMENTS

Agility, resilience and digital tools are the key to productive working. This certificate is designed to help you improve your self-organisation, use effective communication techniques and use digital tools for more efficient processes. Learn how to tackle challenges in a structured way and thrive in an ever-changing workplace.
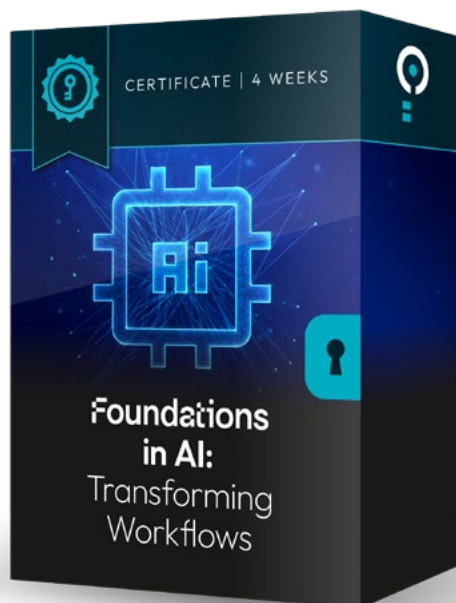
Contact:

Learner-Lifecycle-Management
info@scheer-school.com

Foundations in AI:
Transforming Workflows

UNDERSTANDING AND

UTILISING AI FOR SMART

WORK PROCESSES

Artificial intelligence is transforming the way people work and you can play an active role in shaping this change. In this certificate course, you will learn the basics of AI, compare conventional methods with modern machine learning techniques and gain insights into ethical as well as social issues. You will also find out how to use AI in practice to make work processes more efficient.

Contact:

Learner-Lifecycle-Management
info@scheer-school.com

→ **The ever-changing workplace:** digitalisation is transforming the way we work. Get to know key digital tools and methods to optimise your self-organisation and collaboration in agile teams.

→ **Wide range of applicability:** Whether you work at a start-up, a corporation or in the public sector, this certificate will help you boost your productivity and future-proof your career.

→ **Application-oriented methods:** Learn how to use digital communication and collaboration tools effectively and how to develop innovative solutions to problems.

→ **Personal development:** Build on your resilience, critical thinking skills and ability to succeed in dynamic environments.

→ **Real-world projects:** Apply your knowledge in real-life use cases and engage with professionals who have already successfully established digital processes.

KEY FACTS

Qualification: Certificate

Course type: Part-time

ECTS: 3 credits

Duration: 4 weeks

Entry requirements: Bachelor's or master's degree, diploma, or training with at least 2 years of professional experience

Cost: €2,000

INFO & REGISTRATION

scheer-school.com/zertifikat/
foundations-in-future-
skills-digital-tools-for-
agile-workplaces/

→ **Indispensable skills:** In addition to technical expertise, you will learn how to manage AI projects, consider ethical issues and make data-based decisions.

→ **Cross-industry application potential:** Your knowledge is versatile in its application, whether in IT, finance, healthcare, media or production.

→ **Learning with practical relevance:** You will develop an AI-supported solution as part of your own project and integrate it into existing business processes.

→ **Top contacts & networking:** Interact with experts, learn about the latest AI trends and benefit from best practices within the business world.

KEY FACTS

Qualification: Certificate

Course type: Part-time

ECTS: 3 credits

Duration: 4 weeks

Entry requirements: Bachelor's or master's degree, diploma, or training with at least 2 years of professional experience
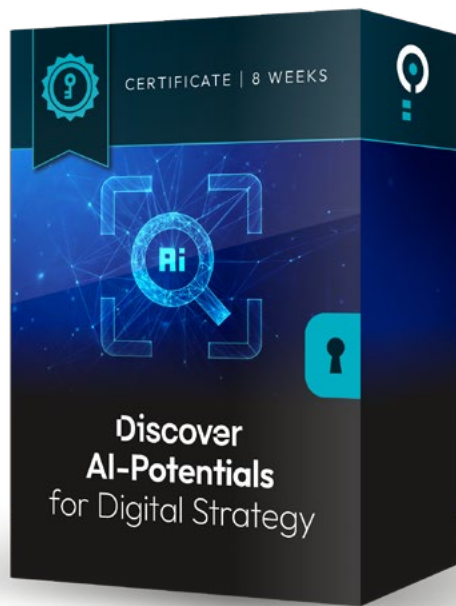
Cost: € 2,000

INFO & REGISTRATION

scheer-school.com/zertifikat/
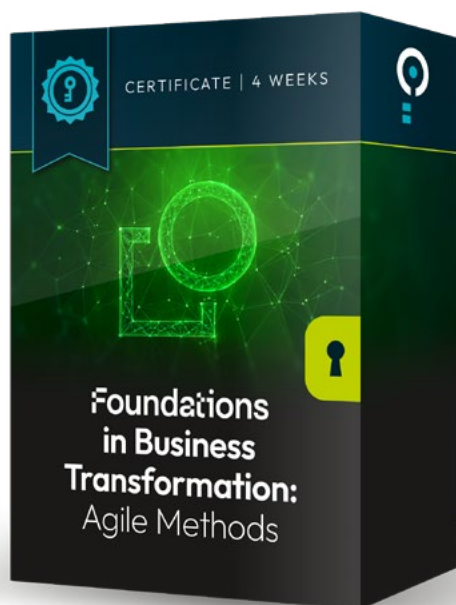foundations-in-ai-
transforming-workflow/

Discover AI-Potentials
for Digital Strategy

USING AI FOR STRATEGIC

DECISION-MAKING

Artificial intelligence is more than just a technical feature, it can transform organisations on a strategic level. During this course, you will learn how to develop AI-driven business models, what role large language models play and how to use generative AI to gain a competitive advantage.

Contact:
Learner-Lifecycle-Management
info@scheer-school.com

Foundations in Business Transformation:
Agile Methods

MASTER AGILITY –

SHAPE THE FUTURE WITH

FLEXIBLE METHODS

Successful transformation requires flexibility. This certificate covers the fundamentals of agile methods, how agile principles are integrated into corporate structures and how transformations are managed. Real-world insights help you implement agile methods in your working environment.

Contact:
Learner-Lifecycle-Management
info@scheer-school.com

→ **AI as a competitive advantage:** Learn how to use targeted artificial intelligence in corporate strategy and develop sustainable business models.

→ **Cross-industry application:** Whether consulting, marketing or industry, AI offers potential for process optimisation, data analysis and new business models.

→ **Hands-on experience:** Develop your own AI-supported strategies and analyse existing business models for their AI compatibility.

→ **Strengthening strategic skills:** Learn how to make data-driven decisions, evaluate AI trends and steer innovation projects.

→ **Direct practical relevance:** Work on case studies from the business world and gain exclusive insights into the latest AI developments of leading companies.

KEY FACTS

Qualification: Certificate

Course type: Part-time

ECTS: 6 credits

Duration: 8 weeks

Entry requirements: Bachelor's or master's degree, diploma, or training with at least 2 years of professional experience

Cost: €3,250

INFO & REGISTRATION

scheer-school.com/zertifikat/
discover-ai-potentials-for-
digital-strategy/

Agile methods for successful transformation

→ **Flexible and efficient working:** Learn how agile methods are changing the corporate world and how to successfully lead teams in agile projects.

→ **Relevant for all branches of industry:** Whether IT, marketing or HR, agility increases efficiency and innovation in every business area.

→ **Practice-oriented approach:** Use agile methods such as Scrum and Kanban in real projects and learn how agile leadership works.

→ **Communication & teamwork:** Develop skills to coach agile teams and manage ongoing improvement processes.

→ **Networking & sharing experiences:** Learn from experts who have successfully supported agile transformations and make useful contacts for your professional future.

KEY FACTS

Qualification: Certificate

Course type: Part-time

ECTS: 3 credits

Duration: 4 weeks

Entry requirements: Bachelor's or master's degree, diploma, or training with at least 2 years of professional experience
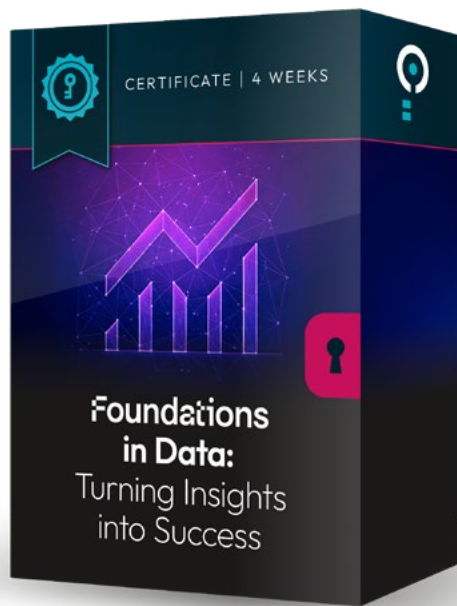
Cost: €2,000

INFO & REGISTRATION

scheer-school.com/zertifikat/
foundations-in-business-
transformation-agile-methods/

Foundations in Data:
Turning Insights into Success

USING DATA TO MAKE

THE RIGHT DECISIONS

Data is the future's key raw resource, but only if it is used properly. This certificate course teaches you how to prepare, analyse and visualise data for making informed decisions. The latest analysis tools and practical case studies show how data can be used to achieve business success.
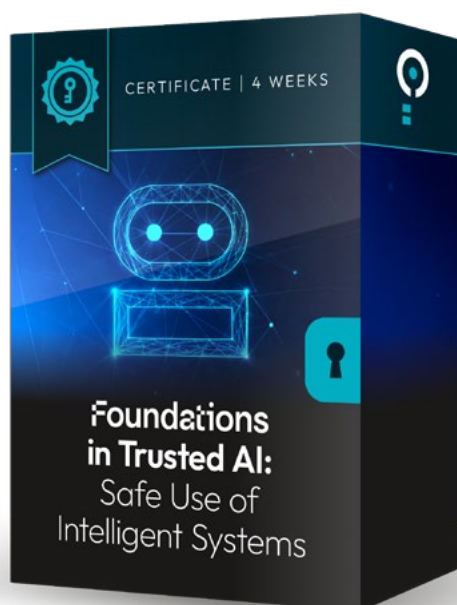
Contact:
Learner-Lifecycle-Management
info@scheer-school.com

Foundations in Trusted AI:
Safe Use of Intelligent Systems

USING AI WITH

RESPONSIBILITY

Learn how to use AI technologies safely, fairly, and transparently without breaking ethical or regulatory boundaries.

Contact:
Learner-Lifecycle-Management
info@scheer-school.com

→ **Data as the key to innovation:** Understand how to meaningfully analyse, visualise, and use data for strategic decision-making.

→ **For data-driven companies:** Course content is relevant for marketing, finance, supply chain management, and numerous other areas.

→ **The latest tools and methods:** Learn which analysis tools and methods are common practice today and how to develop data-based business models.

→ **Awareness of data-based decision-making:** Develop your ability to recognise patterns in data, correctly interpret KPIs and build data-driven strategies.

→ **Direct applicability:** Work with real data sets and develop solutions that immediately offer companies added value.

KEY FACTS

Qualification: Certificate

Course type: Part-time

ECTS: 3 credits

Duration: 4 weeks

Entry requirements: Bachelor's or master's degree, diploma, or training with at least 2 years of professional experience

Cost: €2,000

INFO & REGISTRATION

scheer-school.com/zertifikat/
foundations-in-data-turning-in-
sights-into-success/

→ **Key corporate concerns:** Data protection, algorithm bias and compliance are essential for a sustainable AI strategy.

→ **Practical insights:** Understand how companies minimise AI risks and design responsible AI applications.

→ **Regulations & best practices:** Get to grips with current legal requirements and develop strategies for ethical AI use.

→ **Expert network & knowledge sharing:** Benefit from best practices and dialogue with experts specialising in ethics, law and technology.

KEY FACTS

Qualification: Certificate

Course type: Part-time

ECTS: 3 credits

Duration: 4 weeks

Entry requirements: Bachelor's or master's degree, diploma, or training with at least 2 years of professional experience

Cost: €2,000

INFO & REGISTRATION

scheer-school.com/zertifikat/
foundations-in-trusted-ai-
safe-use-of-intelligent-systems/

Master of Science:
Digital Sciences for Transformation

In addition to our certificates, we also run a master's programme that specifically focuses on preparing you for the demands of digital transformation. It is practical, interdisciplinary and directly applicable to your professional environment.
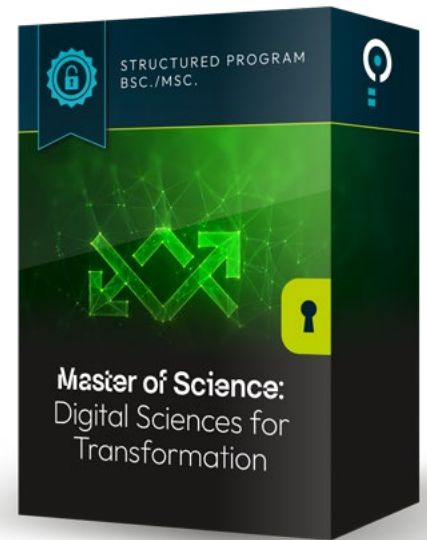
Why pursue a master's degree with us?

→ **Future-oriented professional development:** Our master's degree programme not only impart knowledge, but also specifically prepare you for digital leadership roles and the challenges of tomorrow.

→ **Interdisciplinary dialogue:** Learn from professors and leading industry experts, develop innovative solutions with other learners and become part of a network that is actively shaping digital change.

→ **Focus on applied learning:** Bring together theory and practice, work on real-world business projects, and acquire advanced, future-oriented skills.

→ **International perspectives:** Thanks to our close international partnerships, you will gain valuable insights into global trends and best practices that will expand your perspective and make you a driving force for digital change.

→ **Flexible structure to fit your career:** The master's programme consists of certificate courses delivered via a combination of attendance-based and online learning. With a weekly study commitment of approx. 22 hours, the programme lends itself perfectly to integration into your day-to-day life.

KEY FACTS

Qualification:
Master of Sciences

ECTS: 120 credits

Duration: 1.5 to 2 years

Entry requirements: Bachelor's degree or vocational training with at least 2 years of professional experience, knowledge of English (min. B2), admission test

Cost:
€7,250 p. p./p. year

INFO & REGISTRATION

scheer-school.com/master/master-of-science-digital-sciences-for-transformation/

The key to unlock open minds.

The Value Chain –
Your Key Skills for the Future

During our master's programme, you will learn everything you need to understand and actively shape the digital transformation. Each semester, we cover key areas that will make you a future expert:

| Strategy Development | New Product Development | Supply Chain & Purchasing | Operational Execution | Sales and Distribution |

Analysis and Monitoring

→ **Strategy Development:** Learn how to develop future-oriented strategies that make companies successful in the digital world.

→ **New Product Development:** Develop innovative products that make an impact and drive digital transformation.

→ **Supply Chain and Purchasing:** Optimise supply chain processes with digital solutions and increase efficiency.

→ **Operational Execution:** Acquire the managerial skills needed to act effectively and steer change in the digital age.

→ **Sales and Distribution:** Use digital channels to successfully market products and create an outstanding customer experience.

→ **Analysis and Monitoring:** Learn to analyse data and identify key trends to make informed decisions and measure success.

Compulsory and elective modules – your degree, your choice:
The programme consists of compulsory and elective courses, focusing on practical relevance throughout. Theory is never taught in isolation, but is always based on real-life use cases that you provide from your company.
This allows you to develop exactly the skills you really need – skills that are solid, applicable and specifically relevant to you.

Your personal transformation:
Our master's programme goes beyond technical learning. As part of your personal transformation journey, we offer you a unique opportunity to develop both as a manager and as a person with the aim of achieving a comprehensive transformation that will empower you at all levels.
You will also have access to individual 1:1 coaching sessions to help you tackle personal and professional challenges in a targeted manner and drive your development forward.

Four exciting challenges, including your final exam:
There are four opportunities to show what you can do! You will prove your knowledge and skills in our practice-oriented regional transformation challenges before demonstrating that you are well prepared to shape the digital future in your final challenge – your master's thesis.

What Your
Study Plan
Could Look
Like

Each semester takes you one step further into the digital future. Are you ready to shape it?

MORE INFO

scheer-school.com/master/master-of-science-digital-sciences-for-transformation/

Module	1st semester	2nd semester	3rd semester	4th semester
Strategy Development	Foundations in Internationalisation in Business and Transformation 6 CP	Foundations in Multinational Business Finance* 3 CP		Explore the Strengths and Weaknesses of Digital Finance* 3 CP
New Product Development	Foundations in Technology and Innovation Management 3 CP Challenge in New Product Development 6 CP	Foundations in Coding 3 CP Foundations in Forecasting with Data* 3 CP Design Lab* 3 CP	Programming Project 3 CP	
Supply Chain and Purchasing	Foundations in AI: Transforming Workflows 3 CP	Challenge in Supply Chain and Purchasing 6 CP	Artificial Intelligence in Practice* 6 CP	
Operational Execution	Foundations in Business Transformation: Agile Methods* 3 CP	Foundations in Data: Turning Insights into Success 3 CP	Process Mining: Data-Driven Insights 6 CP	Cybersecurity Law: The German Legal Perspective* 3 CP
Sales and Distribution		Foundations in Future Skills: Digital Tools for Agile Workplaces 3 CP	Challenge in Sales and Distribution 6 CP Marketing for Innovators* 3 CP	Foundations in Insightful Infographics* 3 CP
Analysis and Monitoring	Foundations in the Art of Data Patterns 3 CP Foundations in Mathematical Mastery 3 CP	Foundations in Algorithmic Thinking 3 CP	Foundations in Critical Thinking* 3 CP	Speechcraft: Communicating with Impact in the Digital Age* 3 CP
Scientific Patterns			Transformation Lab 3 CP	Master Thesis 15 CP
Language	German I / Foreign Language I 3 CP	German II / Foreign Language II 3 CP		
Personal Transformation Journey	Personal Transformation Journey I 1 CP	Personal Transformation Journey II 1 CP	Personal Transformation Journey III 1 CP	
Semester hours per week	20	21	18	10
CP	CP mandatory/ elective: 28/3	CP mandatory/ elective: 22/9	CP mandatory/ elective: 19/12	CP mandatory/ elective: 15/12
CP total	31	31	31	27

*Elective module

scheer
transformation.
zero fear.

Learning with a plan:
Support every step of the way

Digital professional development can be challenging – but not with us. The Scheer School's Learner Lifecycle team is there to make sure you receive the best possible support throughout your entire educational journey, from initial orientation to successful completion.

Whether it's about choosing a programme, answering your organisational questions or finding the right learning format – we are your central point of contact and make further education as easy as possible. Through personalised advice, smart support and modern learning methods, we ensure that you can concentrate fully on what's most important: your future in the digital world.

Need help choosing the right programme? Then don't hesitate to get in touch!

Learner-Lifecycle-Management
info@scheer-school.com

Working Together
to Develop Tailored Professional Development Programmes for Your Company

Getting started with a successful professional development programme for your company doesn't have to be complicated. We make the process clear, transparent and without hurdles, focussing on the needs of decision-makers.

→ **Getting to know each other – straightforward & practical.** In an initial meeting, we gain an insight into your requirements: What digital skills does your company need? Which qualifications are essential? No sales pitches – just genuine advice.

→ **Tailored solutions – flexible & company-specific.** We put together professional development concepts that are specifically tailored to your corporate strategy and your teams, focussing on a practical, efficient and future-oriented approach.

→ **Requirements workshop – laying the groundwork together.** Working with management and HR managers, we define the relevant skills for your team and set clear goals for professional development.

Give it a go: initial discussions and workshops are free of charge and without obligation. We will work with you to find the best way to specifically develop digital skills within your company.

Scheer School management:

Two Experts, One Vision:
a Fresh Approach to Further Education

The Scheer School of Digital Sciences is headed by Prof. Dr. Benedikt Schnellbächer and Sebastian Kreibich, who promote a future-oriented coming together of science, practical application and innovation.

Benedikt Schnellbächer is responsible for the didactic orientation of the Scheer School. A renowned scientist and expert in digital business models, he ensures that research and teaching are not only excellent, but also practical and effective:

"By working closely with leading companies, we strive for the best of both worlds, academic and business, to ensure that our curriculum remains relevant and future-focused."

Sebastian Kreibich successfully brings the Scheer School's innovations to market. With his international experience in the field of digital transformation and expertise in the commercialisation of digital innovations, he ensures strong partnerships and a clear market presence:

"We envision an ecosystem where education and hands-on experience seamlessly merge to train tomorrow's innovators, leaders and problem solvers. Our aim is to equip learners with essential skills during their academic learning so that they can master digital transformation."

Together, they combine science, strategy and market relevance, making the Scheer School a unique place for digital professional development.
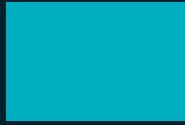
innovation unlocked.
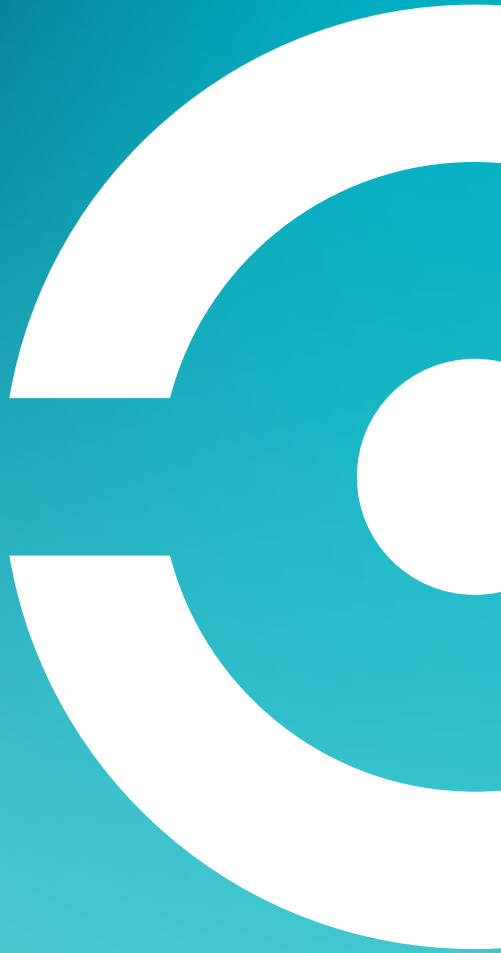
Building Bridges
between Theory and Practice

Academic or practical learning? We say both! Our Group of Ambassadors brings together leading minds from both worlds – renowned academics and experienced industry professionals. They embody the interdisciplinary interaction that characterises the Scheer School: sound knowledge meets real application, innovative research meets entrepreneurial reality.

ACADEMIC EXPERTS

Prof. Dr.-Ing. Thorsten Herfet

Backed by many years of experience in industrial research and strategy (Grundig & Intel), Prof. Dr. Thorsten Herfet is today Chair of Telecommunications at Saarland University. Previous positions as Dean of Computer Science & Mathematics and Vice President for Research & Technology Transfer enabled him to shape development at both faculty and university level. Prof. Herfet's research areas include the fields of new graphics and media representations, resilient and latency-aware communication protocols and resilient communication systems.

He heads the Scheer School's collaboration platform and, as the interface between science and practice, ensures that certificates and degree programmes meet high academic standards and deliver application-oriented learning.

Prof. Dr. Benedikt Schnellbächer

As Professor of Digital Transformation and Entrepreneurship at Saarland University, his research centres on how digital start-ups are created and how companies can strategically utilise technological innovations. His focus is on digital business models, agile organisational structures and innovation processes that facilitate sustainable change. He works with renowned partners from the worlds of science and industry, including the CISPA Helmholtz Centre for Information Security, the German Federal Ministry of Health and the Helmholtz Institute for Pharmaceutical Research Saarland (HIPS).

As Managing Director of the Scheer School, he translates academic insights into practical professional development concepts and shapes the strategic direction of the school.

Prof. Dr. Stefan Morana

As Professor of Digital Transformation and Business Informatics at Saarland University, Prof. Dr. Stefan Morana's research explores how interactive systems can support digital transformation. His focus is on the human-centered design of human-computer interactions, particularly with regard to digital agents, conversational interfaces and extended reality.
His research aims to improve the understandability, usability and acceptance of interactive systems – always with the goal of making technology more intuitive and effective.

Prof. em. Dr. Marco Menichetti

In his former role as Dean of the Liechtenstein Business School and Professor of Banking and Financial Management, Prof. em. Dr. Marco Menichetti researched sustainable financial investments and responsible investing. Upon gaining emeritus status, he joined the Scheer School, where he teaches as Professor of Corporate & Sustainable Finance, develops new degree programmes and helps shape accreditation processes. His aim is to further develop university education with a practical and future-oriented focus and to offer students, companies and management new opportunities for collaboration. He takes it upon himself to motivate students and society to save and invest sustainably in a consistent and structured manner.

Dr. Manuela Benick

As a doctor of psychology and research associate at Saarland University, Dr. Manuela Benick conducts research into self-regulated learning, skills development and digital education formats. Her focus is on how learning processes can be made more effective and sustainable.
At the Scheer School of Digital Sciences, she brings this expertise to the table as a teaching & learning coach and shares how learning processes can be effectively optimised.

Dr. Kevin Baum

Dr. Kevin Baum is an expert in AI ethics and safety with a strong interdisciplinary background in philosophy (Dr. phil.) and computer science (M.Sc.). He works at the intersection of social-normative reasoning and the technical development of trustworthy AI systems.

His research focuses on explainability, ethical frameworks and effective human oversight for ensuring the responsible use of AI.

He leads the research group 'Responsible AI and Machine Ethics' (RAIME) at the German Research Centre for Artificial Intelligence (DFKI), which is dedicated to the value-oriented alignment of AI with ethical principles and social norms.

Baum is on the board of the Centre for European Research for Trusted Artificial Intelligence (CERTAIN), where he is active in the areas of AI governance and AI policy.

As a member of the non-profit think tank Algoright e.V., he is also a public advocate for interdisciplinary science community communication in the interests of quality digitalisation.

PRACTICE EXPERTS

Dr. Christoph Endres

Dr. Christoph Endres completed his doctorate at the German Research Center for Artificial Intelligence (DFKI) in the field of intelligent driver assistance systems and spent almost 20 years researching artificial intelligence before switching to cybersecurity in 2015. As co-founder and managing director of sequire technology GmbH, he specialises in the safety of Large Language Models (LLMs) and was part of the team that discovered and analysed the 'indirect prompt injection' vulnerability.
At the Scheer School, he teaches how AI can be used safely and responsibly using a practical approach.

Dr. Nils Jeners

With a background in computer science and business administration, and a doctorate in computer science, he draws on over ten years of experience in digital innovation. As a former scientist at Fraunhofer FIT and founder of a big data start-up, he is familiar with both research and practice.
Today, he supports companies with developing new business models and successfully implementing digital strategies. At the Scheer School, he teaches how digital tools, agile methods and transformation strategies make companies fit for the future, using a practical, effective and always up-to-date approach.

Philipp Grau

Philipp Grau is an experienced entrepreneur with a passion for digital business models. As Head of Digital Transformation & Corporate Development, he steered the transformation and diversification process of a leading media group in recent years. He specialised in strategic investments and collaborations with start-ups in the areas of advertising, content and education.
In his upcoming role as managing partner of a holding company specialised in digital business models, he will use his expertise to support innovative digital companies and actively develop them with his network.

Tobias Greff

As Head of the Digital Consulting Group at the August-Wilhelm Scheer Institute, Tobias Greff drives digital transformation forward in companies. With his expertise in artificial intelligence and digital business models, he supports organisations in developing and implementing innovative strategies.
At the Scheer School, he teaches how companies can utilise the potential of AI and digital technologies to stay competitive and open up new business markets.

Sebastian Klein

As the founder of kleinpublic, Sebastian Klein advises administrations and start-ups on digital transformation with a clear mission: to make the public sector fit for the future. He connects administration, science and business to drive sustainable innovation.
At the Scheer School, he creates new educational formats for digital skills in the public sector with a focus on practical, progressive and strategic aspects. Recognised as a Young Leader in GovTech, he is one of the leading minds in digital administration at state and municipal level.

Sharam Dadashnia

For over 10 years, Sharam Dadashnia has been developing SaaS solutions for the digitalisation and automation of business processes. His focus is on strategic product development and the use of artificial intelligence as a means of streamlining processes and enabling companies to expand.
Alongside his main role, he lectures at universities in the DACH region and shares practical expertise on the topics of artificial intelligence, process optimisation and digitalisation. As a strategic consultant and shareholder, he supports several start-ups in the successful implementation of SaaS solutions and digital transformation.
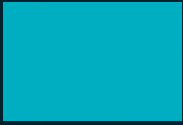
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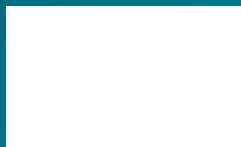
INDUSTRY-INTEGRATED PROGRAMMES OF STUDY

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We utilise interactive formats, interdisciplinary approaches and close partnerships to keep your learning dynamic, relevant and practical – and at the highest university level. Our programmes are based on academic standards and incorporate the latest teaching methods that don't just transfer knowledge but think ahead.

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Standing still isn't an option. Our programmes support you along your entire career path so that you don't just keep pace, but are always one step ahead.

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New to Saarland? We support you with job searches, applications, accommodation and even visas. So you don't have to deal with paperwork and can get started straight away.

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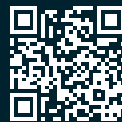digital sciences
at saarland
university

Get in Touch –
See You in Class!

For learners:

Learner-Lifecycle-Management

info@scheer-school.com

For companies:

David Schiel

Manager Business Development

sales@scheer-school.com

www.scheer-school.com/linktree

www.scheer-school.com

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