



**FACHHOCHSCHULE KIEL**  
University of Applied Sciences



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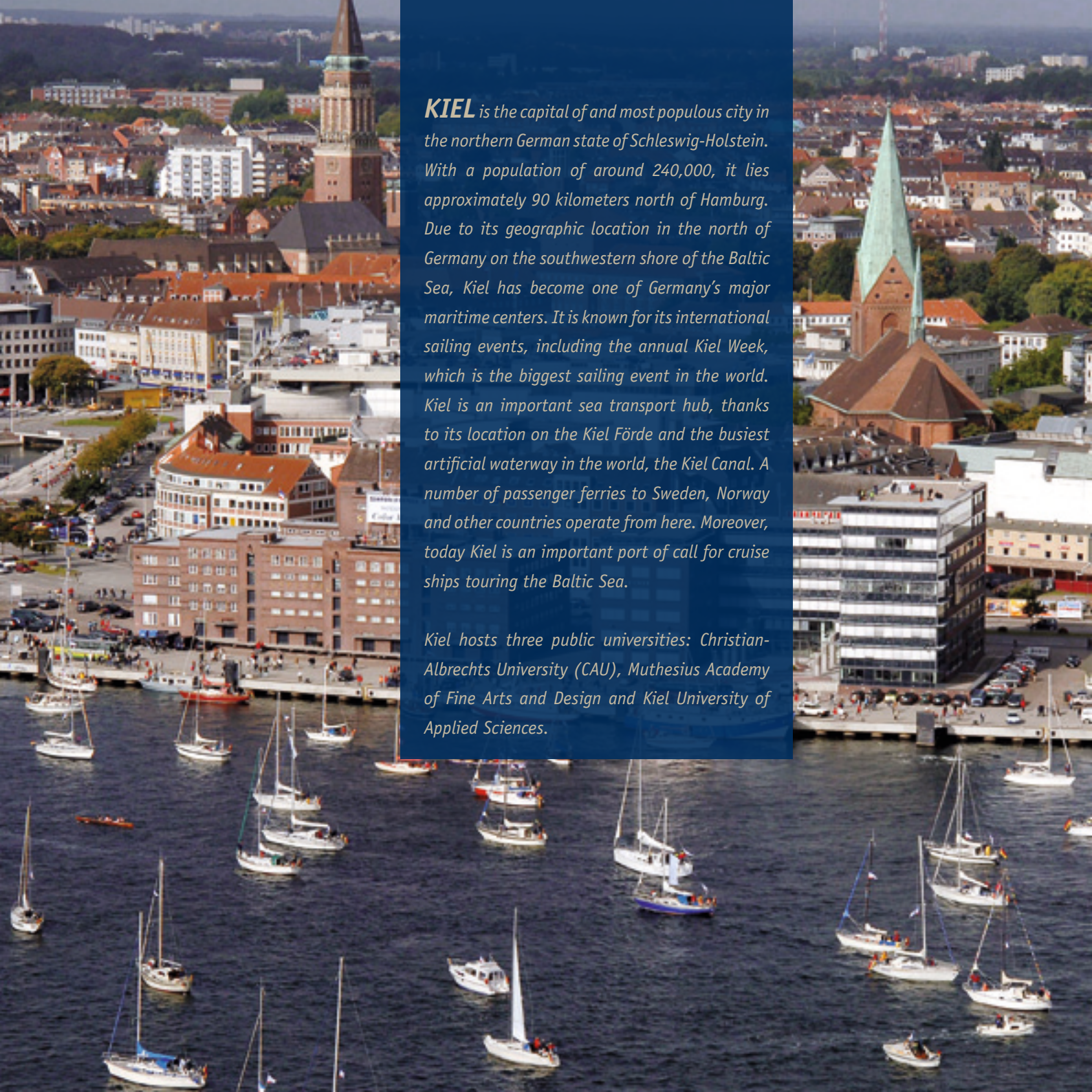
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***KIEL** is the capital of and most populous city in the northern German state of Schleswig-Holstein. With a population of around 240,000, it lies approximately 90 kilometers north of Hamburg. Due to its geographic location in the north of Germany on the southwestern shore of the Baltic Sea, Kiel has become one of Germany's major maritime centers. It is known for its international sailing events, including the annual Kiel Week, which is the biggest sailing event in the world. Kiel is an important sea transport hub, thanks to its location on the Kiel Förde and the busiest artificial waterway in the world, the Kiel Canal. A number of passenger ferries to Sweden, Norway and other countries operate from here. Moreover, today Kiel is an important port of call for cruise ships touring the Baltic Sea.*

*Kiel hosts three public universities: Christian-Albrechts University (CAU), Muthesius Academy of Fine Arts and Design and Kiel University of Applied Sciences.*



With its almost 7,000 students (2013), Kiel University of Applied Sciences is the largest institution of its kind in Schleswig-Holstein. Those interested in studying here can choose from a wide range of options: around 35 Bachelor's and Master's degrees, supplementary degrees and continuing education courses are offered by the faculties of Agriculture, Business Management, Computer Science & Electrical Engineering, Mechanical Engineering, Media, and Social Work & Health.

The Faculty of Agriculture can be found not far from Kiel in rural Osterrönfeld, near Rendsburg on the Kiel Canal. The University's main campus is located in Kiel.



# AGRICULTURE

*The aim of the Bachelor's and Master's degree programs in Agriculture is to prepare students for the occupational profile in agriculture, including management of big farms, consulting services to companies and farm managers, or leadership positions in the agricultural industry. This requires not only solid academic training and mastery of practical skills, but also the ability to apply and integrate these on an everyday, working basis. In addition, the Faculty of Agriculture provides qualifications in essential, related skills, such as business negotiation, and competence in methodology. While founded on the latest science, studies are also praxis oriented, and as a result graduates have excellent prospects for employment in the occupational field of agriculture — all over the world.*



## DEGREES OFFERED

- » Agriculture | B. Sc. | 7 semesters
- » Agricultural Management | M. Sc. | 3 semesters

## RESEARCH FOCUS

- » Horticulture
- » Plant Conservation
- » Biomass Applications
- » Land Use Technology
- » Animal Husbandry
- » Business Development
- » Market Analysis



# BUSINESS MANAGEMENT

*With over 1700 students, the Faculty of Business Management (FBW) is FH Kiel's largest academic department. The FBW takes an interdisciplinary approach to education, coupled with a practical and international orientation. More than 60 skilled lecturers offer excellence in academic research as well as years of practical experience.*

*The FBW's portfolio of offerings spans from interactive up-to-date teaching to international company-based projects such as the European Project Semester. A growing number of courses taught in English opens up the faculty to a broad community of global students. Students at the FBW can choose from among a field of over 35 worldwide exchange partners, and have the opportunity to obtain a double degree.*





## DEGREES OFFERED

- » Business Management | B. A. and M. A. | 6/4 semesters
- » Business Management online | B. A. | 6 semesters
- » Business Information Systems | B. A. and M. A. | 6/4 semesters
- » Business Information Systems online | B. Sc. | 6 semesters
- » Industrial Engineering and Management | M. A. | 4 semesters
- » Business Management (non-consecutive) | M. A. | 4 semesters

## RESEARCH FOCUS

- » Social Media Marketing
- » Family Business Management
- » Innovative Business Models and Entrepreneurship
- » Corporate Pension Plans and (Professional) Benefit Funds
- » Purchase Performance Measurement
- » Demographic Change and Aging Society
- » Career / Life Balance Modeling
- » Poverty Studies
- » Risk Management Systems
- » Cross-Cultural Management
- » International Trade
- » Corporate Treasury



# COMPUTER SCIENCE AND ELECTRICAL ENGINEERING

*The major in Computer Science and Electrical Engineering educates students for careers and leadership positions in electrical engineering and computer science related fields. The department offers courses in energy, communications and information technology, mechatronics, technology management, and economic topics. Students receive hands-on, practical experience and rigorous academic education in the discipline. Graduates are qualified to pursue responsible, self-determined employment in industry or in public, academic and service organizations. The Bachelor's Degree programs require six or seven semesters of study. Students pursuing Master's study normally must complete an additional three or four semesters. All degree programs have a modularized structure corresponding to modern international standards.*



## DEGREES OFFERED

- » Electrical Engineering | B. Eng. | 7 semesters
- » Mechatronics | B. Eng. | 7 semesters
- » Technology Management and Marketing | B. Eng. | 7 semesters
- » Information Technology and Internet | B. Sc. | 6 semesters
- » Information Technology (in English) | M. Sc. | 4 semesters
- » Electrical Technologies | M. Eng. | 3 semesters
- » Wind Engineering | M. Sc. | 3 semesters

## RESEARCH FOCUS

- » Electrical Mobility
- » Energy-Efficient Power Electronics
- » Smart Energy
- » Adaptronics and Ubiquitous Computing
- » Pattern Recognition and Image Analysis
- » Data Mining and Knowledge Management
- » Network Security
- » Pressure Sintering for Component Assembly



# MECHANICAL ENGINEERING

*The Department of Mechanical Engineering is characterized by its hands-on approach, its international scope and its sensitivity to technological advances still on the horizon. The education offered qualifies students for expert and leadership positions in the field of engineering. The praxis oriented degree programs provide the rigorous academic education necessary for responsible, independent professional activity, which is also essential for continued learning and career success. The course of study also enables students to carry out an integrated, finely conceived project semester abroad. The Faculty has been hosting European Project Semesters for international students in Bachelor's programs since 2008 and has already sent more than 200 students into projects at European partner institutions.*

*All programs are accredited and conform to international academic degree standards.*



## DEGREES OFFERED

- » Bachelor of International Sales & Purchasing in Engineering | B. Eng. | 6 semesters
- » Bachelor of Mechanical Engineering | B. Eng. | 6 semesters
- » Master of Mechanical Engineering | M. Eng. | 4 semesters
- » Bachelor of Naval Architecture and Maritime Engineering | B. Eng. | 6 semesters
- » Master of Naval Architecture and Maritime Engineering | M. Eng. | 4 semesters
- » Offshore Systems Engineering | B. Eng. | 6 semesters
- » Industrial Engineering | M. Sc. | 4 semesters
- » Industry-based Study Program (IBS)

## RESEARCH FOCUS

- » Flow Modelling / Computational Fluid Dynamics (CFD)
- » Yacht Design and technology (Fluid Mechanics of Sailing Yachts)
- » Shipbuilding and Shipbuilding Supply Projects
- » Risk Management in Technical Sales
- » Offshore Logistics
- » Wind Energy Installations
- » Materials and Production Design Methodology
- » Entrepreneurship in the Tech Sector
- » International Logistics and Sales Systems
- » Global Collaborative Engineering: Intercultural Aspects of International Technical Project Management



# MEDIA

*The Faculty of Media offers the most coveted academic program in media studies in Schleswig-Holstein. It prepares its students for professional entry into today's world of media. Alongside traditional media such as magazines, newspapers, film, radio and television, the program is particularly tuned in to cross-media developments and online media.*

*Students find themselves in a state-of-the-art learning environment with personal mentoring, extensive media labs, audiovisual studio facilities, a radio studio and eye-tracking technology. As they progress through practice-based modules, students also gain knowledge of business practices, computer science, design, media theory, the media industry and media planning. Academic projects may focus on such areas as multimedia, audio, computer animation or compositing, to name only a few.*



## DEGREES OFFERED

- » Multimedia Production | B. A. | 7 semesters
- » Public Relations and Corporate Communications | B. A. | 7 semesters
- » Multimedia Production | M. A. | 4 semesters
- » Journalism and Media Management | M. A. | 6 semesters  
(part-time study for professionals)
- » Applied Communication Studies | M. A. | 3 semesters

## RESEARCH FOCUS

- » Media Reception and Usability
- » Immersive Media
- » Format Development
- » Journalism and Digital Change



# SOCIAL WORK AND HEALTH

*Health care and social work facilities rely on qualified, academically trained personnel. With its programs in Social Work, Early Childhood Education, and Physiotherapy, the department offers a wide spectrum of courses preparing students for careers in the social work and healthcare sectors.*

*All degree programs stand out for highly effective teaching and for their interdisciplinary approach. Students have access to a diverse network of practitioners.*

*The Kiel University of Applied Sciences is the exclusive provider of these accredited degree programs in Schleswig-Holstein. Collaboration with local industries, businesses, regional government authorities and non-governmental organisations is a matter of course.*





## DEGREES OFFERED

- » Social Work | B. A. | 6 semesters
- » Early Childhood Education | B. A. | 6 semesters
- » Physiotherapy, Dual Study Course,  
(in cooperation with vocational schools)  
| B. Sc. | 6 semesters /4,5 years
- » Research and Management in Social Work and Health  
| M. A. | 4 semesters

## RESEARCH FOCUS

- » Early Childhood Education
- » Social Services
- » Health
- » Gender and Diversity
- » Methodology of Social Work
- » Restorative Justice



# RESEARCH AND DEVELOPMENT ACTIVITIES

*Kiel University of Applied Sciences also plays an important role in research development. Close collaboration with local industries and companies reinforces these activities.*

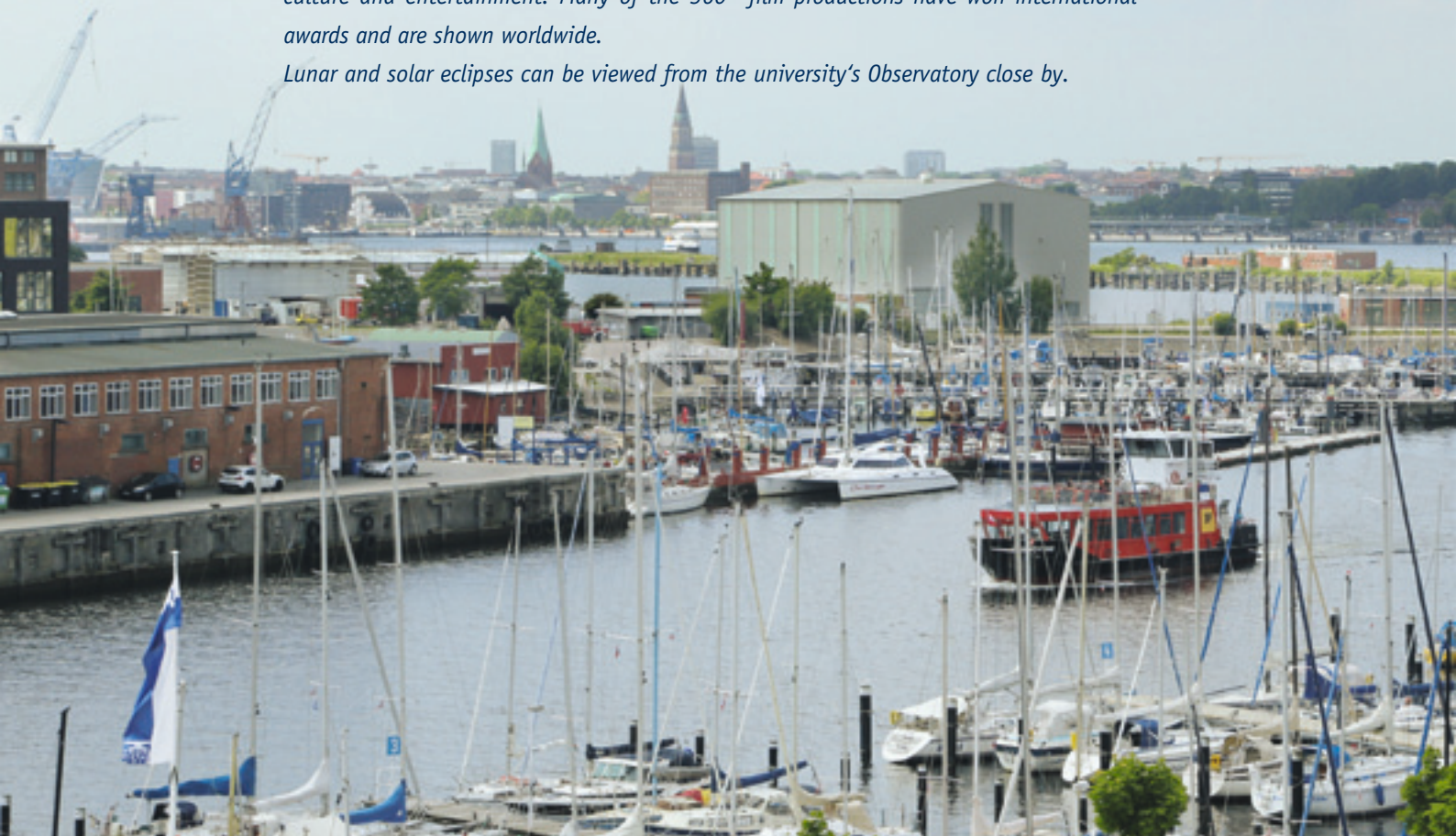
## SOME EXAMPLES OF R&D FACILITIES AND LABORATORIES ARE:

- » Center for Accessible Information Technology
- » Center for Cultural and Scientific Communication
- » Expertise Center for Electromobility Schleswig-Holstein
- » Institute for CIM Technology Transfer (CIMTT)
- » Institute for Immersive Media
- » Institute for Interdisciplinary Gender Research and Diversity
- » Institute for Materials and Surface Technology (IMST)
- » High Voltage Technology Lab
- » Multimedia Center and Mediadome
- » Research Center for Adaptronics
- » The R&D Center Kiel University of Applied Sciences GmbH
- » Yacht Research Unit Kiel

## CURRENT RESEARCH PROJECTS

- » E-Quad
- » Easy Drive Hybrid
- » Electrically driven vans
- » Research Platforms (FINO 1 and 3) in the North Sea and Baltic Sea
- » INTERREG 4A South Denmark-Schleswig-K.E.R.N.
- » Improving Knowledge and Practice of Restorative Justice (funded by the European Commission)
- » Early Dementia

*Take the ferry-boat to lectures, have lunch overlooking the water, enjoy a week of concerts, readings and exhibitions – the campus of Kiel University of Applied Sciences is unusual, if not unique. Industrial history has been made on campus grounds: ships were built here, the fax machine was invented here, and it was from here that Albert Einstein departed on his famous sailing trip with the inventor of the gyroscopic compass, Herrmann Anschütz. Every year the ‚Mediendom‘ – the University’s digital theatre - attracts thousands of visitors from Kiel and farther afield with its array of programs in astronomy, science, culture and entertainment. Many of the 360° film productions have won international awards and are shown worldwide. Lunar and solar eclipses can be viewed from the university’s Observatory close by.*







*Cultural events on campus have had a new dimension ever since 'Bunker-D' opened its doors in autumn 2006 with a bar, a cinema, concerts and regular art exhibitions. A so-called 'Bunker-D week' has been held in the renovated former factory and air-raid shelter twice a year since then.*



*The exhibition of the university's collection of computers, in another former civilian air-raid shelter, has been open to visitors since spring 2011. The technological wonders of computer pioneers recall scenes from science fiction: mysterious worlds of relays, tubes, transistors and microchips, evidence of ingenuity and skill at engineering.*

***Three units – one Center:  
The International Center  
of Kiel University of  
Applied Sciences consists  
of three divisions:***

- » The Center for Languages and Intercultural Studies
- » The International Office
- » The Preparatory College



All three contribute to the University's international mission through programs, services and activities, and preparatory and language courses, which are designed to further the development of a globally aware, culturally diverse environment for education and research. The International Center provides expertise and infrastructure to help expand and sustain global education at the Kiel University of Applied Sciences.

Please browse our website for detailed information, contact us, or visit us.

***We would love to hear from you!***





## *Internationalization ... at home and abroad*

Kiel University of Applied Sciences collaborates with around 60 partner universities and institutions abroad to provide exchange opportunities and placements for both German and foreign students and lecturers.



# Imprint

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