

## Support for Digital Transformation

The University of Bremen is now receiving strategic support from renowned, external experts for the digital transformation. The university was able to win said support from the Higher Education Forum for Digitalization (Hochschulforum Digitalisierung). The question of how new and existing digital formats can be grouped and widely embedded in the degree programs and how the teaching staff can receive better support are the main focus. Teaching staff and students from the University of Bremen will also be included in the individual consultation process and be invited to talks and workshops on site. It is intended that the peer-to-peer consultation be completed by fall 2020.

<http://unihb.eu/B18gkZQJ>

## What Should Be Done with Wastewater?

Sustainable tourism is the topic of a new working group at the Leibniz Centre for Tropical Marine Research (ZMT) in cooperation with the Faculty of Social Sciences at the University of Bremen. The Federal Ministry of Education and Research (BMBF) is funding the group with nearly 2 million euros. The group is investigating the wastewater disposal in tropical coastal areas in the frame of the booming tourism. Insufficiently cleaned wastewater is entering the sea, which can have consequences for the coastal ecosystems and health. The communities must therefore act. The group in Bremen is hoping for ideas on better wastewater disposal management.

<http://unihb.eu/Zi3oPNaB>

## Precise Maps for Autonomous Cars

In order to equip autonomous cars for the road, Scientists from the Center for Industrial mathematics at the University of Bremen are measuring the

Bremen district of Borgfeld to the exact centimeter using several laser scanners. Precise maps form the basis for the shuttle upon request project. Thanks to this digital twin, comprehensive day-to-day driving manoeuvres and very rare, extreme situations can be simulated on an office computer. Thus, the basic algorithms for the controlling of an autonomous vehicle can be created on a computer.

<http://unihb.eu/IS8eDWLP>



↑  
Professor Benedikt Buchner (left) and Alex Boniface Makulilo.  
Photo credit: University of Bremen

## Big Data in Medicine

A team led by Professor Benedikt Buchner of the Institute for Information, Health and Medical Law at the University of Bremen and Professor Alex Boniface Makulilo of the Open University of Tanzania is investigating an electronic health card in a joint research project. This involves challenges for data protection laws in both countries and will also form the basis for the establishment of a Master of Laws program on medical law in Tanzania. The Alexander von Humboldt Foundation is funding the project with approximately 48,000 euros.

<http://unihb.eu/oN9UfZiZ>

## Nominated for the EMAS Award

The University of Bremen's eco-management is outstanding and sustainable, which is why it has been nominated as the German representative for the EU Commission EMAS Award 2019. Environmental protection, biodiversity and the incorporation of sustainability in teaching make the university stand out. Since 2004, the university has been EMAS certified (EMAS: Eco-Management and Audit Scheme). In order to improve biodiversity, there are many activities on campus: from the planting of old fruit trees, a solar power association and a student conservation group.

<http://unihb.eu/J4iNT5cf>

## SOCIUM: Archive To Be Accredited

The German Data Forum, an independent advisory board for the government, has accredited the Qualiser vice research data center at the SOCIUM. The center archives sensitive data from qualitative social research and helps researchers document the findings of their work with the aim of making the resulting research materials available for the work of other scientists. This will enable the investigation and comparison of social research topics over long periods in the future.

<http://unihb.eu/aChahhhC>

## Guest Researches Migration Literature

Humboldt scholarship holder Dr. Serge Yowa from Cameroon is currently a guest at the Faculty of Linguistics and Literary Studies at the University of Bremen. The scholar of German from Central Africa will research



↑  
Scholarship holder Dr. Serge Yowa.  
Photo credit: Harald Rehling / University of Bremen

German migration literature in the next two years. His host is Professor Axel Dunker. Serge Yowa, who studied at the University of Yaounde in his home country, chose a research topic that is politically relevant when taking the current flow of refugees into consideration. "Discourse about countries of arrival and countries of origin interest me", he explained.

<http://unihb.eu/eBG0BgR8>

## CAMPUSIDEEN 2019: Prizes Awarded

Four of the six winners of the BRIDGE start-up competition CAMPUSIDEEN 2019 come from the University of Bremen. The "Erntewächter" (Harvest Guard), a sensor system for agriculture, was equally as successful as "Patavinus" which helps finders of lost items trace the owners with the aid of software and stickers. The teaching program platform CodingPlatform, which aims to make programming easier, as well as HUDDY, a start-up for individual, perfectly fitting and sustainable pullovers were also awarded prizes.

<http://unihb.eu/BRIDGE>