Gaining experiences at ICCAS’s Summer School
26 – 30, 2019 | Leipzig
15 participants from 5 nations took part in the intensive training course of ICCAS’s 6th Digital Operating Room Summer School (DORS), accredited with 33 European CME-Credits (EACCME®). They experienced a great week with a daily mix of lectures and workshops on computer-guided medical assistants and their use in operating rooms directly from the user perspective. Social events completed the program. ICCAS thanks all involved clinical committee members for their great support and is already looking forward to the next DORS, taking place from September 7 to 11, 2020.

Conference
New MR-guided FUS heating system presented at CIRSE
September 7 – 11, 2019 | Barcelona, Spain
The SONO-RAY group presented research results on targeted FUS heating with MRI based temperature control at this year’s CIRSE Conference. The measurements were carried out with a new preclinical FUS system.

Networking
Prof. Melzer on Mars Mission
September 17, 2019 | Bologna, Italy
Andreas Melzer presented the application advantages of Focused Ultrasound (FUS) and High Intensive Focused Ultrasound (HIFU) for possible Mars missionaries at the European Space Agency (ESA) meeting.

Networking
Researchers from Gifu University on ICCAS exploration tour
August 29, 2019 | Leipzig
A research delegation from the Medical Education and Research Center of Gifu University (Japan) in company of Daisy Rotzoll, Medical Director of the new Leipzig LernKlinik were introduced to several ICCAS projects.

Public Relations
Making ICCAS’s research more visible in the EU
July 19, 2019 | Leipzig
Kai Ahlborn is head officer for science, research and culture at the Saxony EU Liaison Office. He informed himself about ICCAS projects.

Conference
Four ICCAS topics presented at CURAC
September 19 – 21, 2019, Reutlingen
Research results presented from ICCAS’s scientists at this year’s CURAC concerned the following areas: robotic positioning, intraoperative hyperspectral imaging, dynamic user interface and workflow design prototype.

Conference
Computer assisted surgery – curse or blessing?
September 19 – 21, Hamburg
At the German Urology Congress (DGU) Andreas Melzer spoke about
MR-guided Focused Ultrasound as an option for prostate cancer treatment and discussed the question: Computer assisted surgery – curse or blessing?

**Project status**

**Milestone meeting in project IMPACT**
**September 18, 2019 | ICCAS, Leipzig**

All partners and the project funder met to discuss about the progress of the IMPACT project. The integration process of all components was discussed and the first pre-clinical studies were prepared.

**EU-project initiative**

**Thomas Neumuth on the road for Regions4PerMed**
**September 23 – 24, 2019 | Milan, Italy**

The ICCAS vice director enriched the Regions4PerMed international workshop on Big Data, Electronic Health Records and Health Governance. With the help of this EU-project digital technologies should reform the healthcare system.

**Conference**

**BMT 2019 with preview on BMT 2020 in Leipzig**
**September 25 – 26, 2019 | Frankfurt a. M.**

ICCAS presented its various research topics in ten contributions at this year’s Conference on Biomedical Engineering (BMT) and aroused curiosity for the upcoming annual conference in Leipzig. Furthermore, Thomas Neumuth presented the new Expert Committee for Model-based Medical Technology.

**Visit**

**Director of new “Agentur für Sprunginnovation” at ICCAS**
**September 2019 | ICCAS, Leipzig**

The founding director, Rafael Laguna de la Vera, of “Agentur für Sprunginnovation” recently visited the ICCAS. The agency was founded by the German government to help disruptive innovations „Made in Germany“ to break through.

**New projects**

**Joint project AutoCuff**

*Funding: Federal Ministry of Economics and Technology (BMWi) – Central Innovation Program for SMEs (ZIM)*

The project deals with the development of a fully automated and digitized medical system consisting of cuff suction device and cuff controller for tracheostoma care with a complete documentation and evaluation of the course of treatment. ICCAS’s industrial partner is the ASSKEA GmbH.

**Joint project CURE-OP**

*Funding: Federal Ministry of Education and Research (BMBF)*

The aim of the project is to develop the first commercially available high intensity focused ultrasound platform specifically designed for combinational cancer therapy.

**New Papers**


**UPCOMING EVENTS**

**Discuss with us about: AI against cancer**
**October 7, 2019 | Leipzig University Hospital, Atrium Pediatric Clinic**

We cordially invite you to discuss with us about the use of Artificial Intelligence (AI) and robotics in medicine. You will meet the experts: Prof. Peter Dabrock (Friedrich Alexander University Erlangen-Nuremberg, German Ethics Council), Prof. Florian Lordick (University Cancer Centre Leipzig) and ICCAS’s Prof. Thomas Neumuth in the evening of October 7 in the Leipzig University Hospital. The event takes place within the framework of the Science Year of the Federal Ministry of Education and Research. [Information]

**ICCAS Open Day 2019 – Save the Date!**
**November 14, 2019 | ICCAS, Leipzig**

This year’s Open Day will take place on November 14. We invite all interested parties to visit our research center and get to know our latest presentations. [Information]

**Open networked medical devices at MEDICA**
**November 18 – 21, 2019 | Düsseldorf**

The completion of the new standard IEEE11073-SDC family opens up new networking opportunities for medical device manufacturers. At the MEDICA 2019, ICCAS presents applications of open networking of medical devices and their validation using a modular test platform.

**MEDIA**

**Video**

Thomas Neumuth explains ICCAS’s Intelligent OR for the new series ‘Hightech from Leipzig – Computer Assisted Medicine’ of the German Association for Medical Informatics, Biometry and Epidemiology (GMDS) e. V. [link]