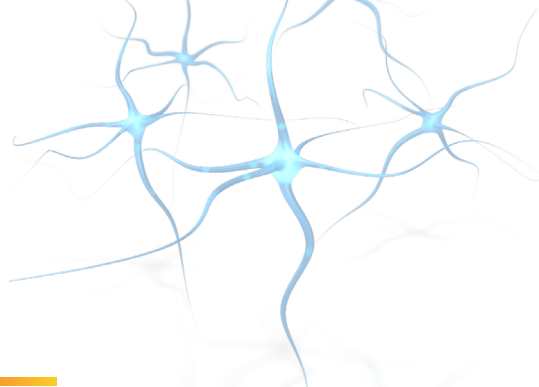


## 4 cooperating research centers:

- University of Sheffield
- AGH University of Science and Technology
- Collegium Medicum of the Jagiellonian University
- University of Amsterdam



## Sano is co-created with:



## In addition...

Sano Science is also a team dedicated to leveraging Machine Learning for early disease diagnosis and digital behavior and decision support system (DSS) for medicine creation.

We have also VR/AR & Robotics department. The main research interest are virtual and augmented reality, real-time physically-based simulation, massively-parallel computing, haptic interfaces as well as aspects of software engineering.

## Find us!



sano.science



sano.science

### Sano

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# sano

Centre for Computational  
Personalized Medicine International  
Research Foundation

## We create computational technologies for optimized healthcare!

## Who are we?

Sano Science is an international research institute based in Kraków. We develop modern computer methods for the prevention, diagnosis, and treatment of diseases. All this is to meet the overarching worldwide need for efficient, effective, and streamlined healthcare and to create the largest institution of this type in Central and Eastern Europe!

We focus on interdisciplinarity and cooperation of all specialists in the field of broadly understood medicine, IT and technology.

diversity  
innovation  
integrity  
passion 

## Shape future healthcare with us!

### Join our international PhD program:

- Medicine, health sciences, information technology, biomedical engineering
- Studies and training courses organized by the best universities around the world
- Cooperation with industrial partners
- The possibility of commercialization of the project
- Trainings, grants, scientific publications

**We are waiting for postdocs and faculty too!**

## Events

### Neuropizza

We talk about the interdisciplinary science no matter what you do and what are you interested in and eat pizza! Open for everyone – in person and online! Because we believe in the power of discussion!

### Sano Seminars

We discuss, exchange ideas and integrate information across different research areas. Open for everyone – online!

### Summer schools, open days

You can experience science in theory and practice; workshops, seminars, tutorials and more with world-renowned speakers in the most beautiful places all around the world!

### Meetups & hackathons

More practice than theory! Space for brainstorming, workshops, and hacking! Creating new solutions for a better future!

## 6 research groups in Sano Science:

### Health Informatics Group at Sano (HIGS)

Integration of next generation scientific tools, e.g.: computerized decision support systems, with healthcare control system.

### Computer Vision (Brain & More BAM)

Different aspects of neuroimaging, from microscopy to magnetic resonance imaging; not limited to neuroimaging but involved also in other medical imaging projects as well as translation of research into startups and other forms of inclusion in our society.

### Modeling & Simulation

Development of models and mechanisms to simulate psychological processes relevant to diagnosis and therapy.

### Extreme-scale Data Computing

Efficient processing of large data sets with the use of advanced computing infrastructures and deployment of computing solutions at the point of care.

### Personal Health Data Science

Behavioral science and data analytics on population health data and other types of data to identify health risks and investigate potential population-wide interventions.

### Clinical Data Science

Using means of Algorithm, Machine Learning, and Artificial Intelligence, the Team is addressing highly significant medical problems (such as the ongoing COVID-19 and its impact on our world, globally and the patients coping with Cancer Chemotherapy treatment).