

FUTURE LAB

THE ART OF PROGRESS

www.futurelab-aachen.de

AACHEN IS ALIVE WITH SCIENCE

The entire city moves to the rhythm of its universities and researchers. Discover Future Lab Aachen!

FUTURELAB-AACHEN.DE

is the platform of "Future Lab Aachen" / In the Events Calendar: day by day fascinating sciencerelated events / In the Magazine: stories, pictures, engineering artists ... / For everyone with a thirst for knowledge.









FLApp is funded by

FLAPP















Future Lab Aachen c/o Stadt Aachen Der Oberbürgermeister Fachbereich Presse und Marketing Markt 39, 52058 Aachen www.aachen.de



SCIENCE **APP-TO-DATE**

WITH FLAPP ON TOUR THROUGH AACHEN

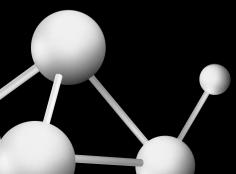


AACHEN CITY GUIDE FLAPP

EXPLORE THE SCIENCE SIDE OF AACHEN WITH THE FUTURE LAB APP

"FLApp" guides you to known and unknown places, shows you what's going on inside the institutes, and offers insights into current research projects.

"FLApp" takes you on a 1.3 km tour of 13 topic-focused stations of scientific interest in Aachen's historic city centre and the RWTH Aachen University inner-city campus area.





1 DOM Virtual worlds

2 RATHAUS

The art of engineering

3 INTERNATIONALES ZEITUNGSMUSEUM Advances in communication

4 INSTITUTE FOR MATERIALS **APPLICATIONS**

Smart materials

5 STEAM ENGINE

Smart production

6 SUPERC

Innovation driver

7 FORMER COGENERATION PLANT Sourcing energy

8 INSTITUTE OF AEROSPACE SYSTEMS The dream of flying

9 AUDIMAX

New ways of learning

10 CHAIR OF TECHNICAL THERMODYNAMICS Mobility laboratory

11 ROGOWSKI INSTITUTE Healthmaker

12 REIFF MUSEUM Building in the 21st C

13 RWTH AACHEN MAIN BUILDING



Virtual worlds

The eternal search for knowledge

START AUDIO GUIDE



Charlemagne's Church of St Mary: How high-end computing science enhances the experience of a **UNESCO World Heritage site...**



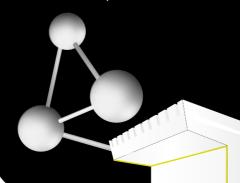
Buildings made of point clouds

Example: Aachen Cathedral, Visual

NEW WAY TO EXPLORE AACHEN

WHAT CONNECTS AACHEN **CATHEDRAL AND MULTIMEDIA SPECIALISTS AT THE RWTH AACHEN UNIVERSITY?** "FLAPP" CAN TELL YOU.

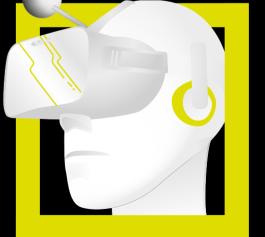
In 46 compact, easy-to-follow feature articles, the guide profiles the most exciting scientific research projects currently running at Aachen's universities – from artificial nacre through special navigation vests for the blind to world champions in robotics.



To ensure that you can't miss them, the individual stations have information stands and signposts indicating what vou can see there.

With GPS-guidance, an audio guide, images, videos, expert statements, and, at selected stations: 3D objects.

Available in English and German Download via WLAN recommended





Each of the 13 "FLApp" stations has its own topic: virtual worlds, the art of engineering, communication, energy, mobility, medicine and many other future issues. But "FLApp" also explains oddities like a facade mosaic that depicts the surface structure of titanium in 14,000x magnification, or takes you to fascinating sights like a historic steam engine.