

**Fraunhofer Institute
for Integrated Circuits IIS**

Management of the institute
Prof. Albert Heuberger (executive)
Prof. Bernhard Grill
Prof. Alexander Martin

Am Wolfsmantel 33
91058 Erlangen, Germany
Phone +49 9131 776-0
info@iis.fraunhofer.de
www.iis.fraunhofer.de

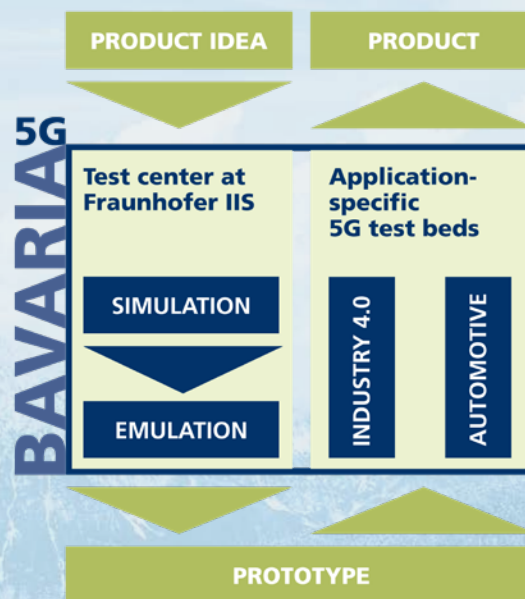
Contact
5g-bavaria@iis.fraunhofer.de

**Test center and test beds for
5G technologies**

5G Bavaria

5G Bavaria

from the virtual to the real world



5G Initiative in Bavaria, Germany

Fraunhofer IIS's 5G Bavaria Initiative aims to support the transition from research and standardization to application. It gives companies the opportunity to evaluate new functionalities in a fully comprehensive 5G system context. The tools used to achieve this include simulation and emulation in the lab as well as application-specific 5G test beds within real mobile communications environments.



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Test center at Fraunhofer IIS

Simulations and emulations of 5G technologies are conducted at the test center within virtual test environments. Thus, test center users receive timely feedback on the usability of 5G for their specific application, which then gives them time to work on prototypes and any further improvements they identify.

Test beds for Industry 4.0 and automotive

In addition to the 5G test center, Fraunhofer IIS provides application-specific 5G test beds for Industry 4.0 and automotive. The test beds serve to perform specific customer use cases with 5G technology on a trial basis. This helps to test the possibilities and limits of 5G.