



DRESDEN-concept e. V.

Science and Innovation Campus

Prof. Gerhard Rödel // May 2, 2022

DRESDEN
concept

SCIENCE AND
INNOVATION CAMPUS



Mission and Partner



Mission

To identify and utilize **synergies** between TU Dresden (TUD) and Dresden's non-university research and cultural institutions in research and teaching as well as infrastructure and administration:

- ▶ joint identification and coordination of research priorities
- ▶ joint appointments and recruitments of top executives and talents
- ▶ joint resources / one-campus-model



An idea becomes a thriving alliance

1990 – 2010

Joint activities,
CRTD and DIGS-BB
successful in
Excellence Initiative



2012

TUD awarded as
University of Excellence,
DRESDEN Spirit as key
to success



2017

Joint service center
DRESDEN-concept
Welcome Center at
TU Dresden



2019

Renewal of TUD's
Excellence
status



2010

Foundation of the
DRESDEN-concept e. V.
association with 15
founding members as part of
TUD's application in the
Excellence competition



2016

22 partners //
59 joint
appointments



2018

Three Clusters of
Excellence (PoL,
CeTI, ct.qmat)
awarded



2020-2022
10th anniversary //
33 partners //
on the way to a
Science and
Innovation Campus



Founding members

TU Dresden



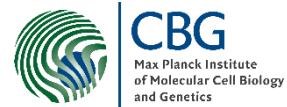
Helmholtz
institutions



Fraunhofer
institutes



Max-Planck
institutions



Leibniz
institutions



Cultural
institutions












University
Hospital

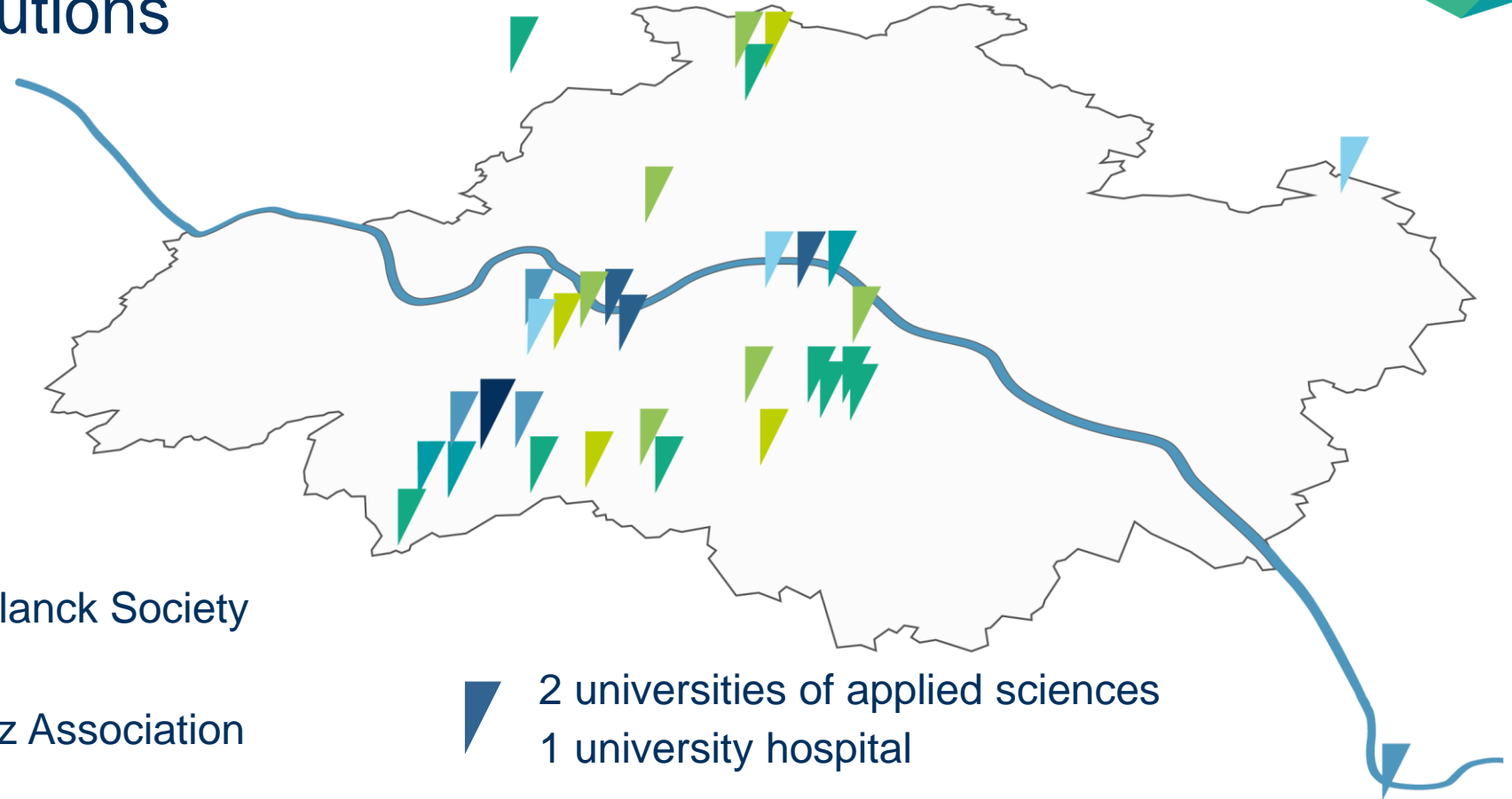




May 2022: 33 partner institutions

-  TU Dresden
-  3 institutions of the Max Planck Society
-  4 institutions of the Leibniz Association
-  3 institutions of the Helmholtz Association
-  9 institutes of the Fraunhofer-Gesellschaft

-  2 universities of applied sciences
-  1 university hospital
-  6 cultural institutions
-  4 weitere Einrichtungen



Structure



Executive Board

Rector TU Dresden (chair)
Chancellor TU Dresden
5 elected leading scientists of the
non-university institutions

- defines the roadmap for further development



DRESDEN-concept Board

Vice-Rector Research TU Dresden
5 elected leading scientists of the
non-university institutions
Spokespersons SACs
Spokespersons Excellence Clusters

- strategy committee for the scientific location Dresden
- makes recommendations for the Executive Board



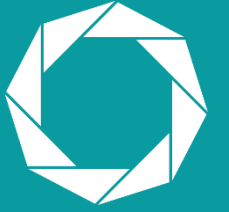
Administration and Infrastructure Committee (AIC)

business directors /
administration managers of all DDc
partner institutions

- administrative support and implementation of the Executive Board decisions
- DDc internal coordination of administrative processes

DRESDEN
concept

SCIENCE AND
INNOVATION CAMPUS



Connecting
the Scientific Community

Scientific Area Committees (SACs)

- ▶ composed of scientists and representatives of DDc member institutions
- ▶ inform about scientific projects and cooperation possibilities
- ▶ define research priorities to initiate cross-institutional project proposals (e.g. for clusters)



Scientific Area Committees (SACs)





Scientific Area Networks (SANs)

- ▶ open for all researchers from DDc member institutions
- ▶ inform on ongoing and planned scientific activities on selected topics with the potential of interdisciplinary collaboration
- ▶ core for joint cross-institutional research proposals



Scientific Area Networks (SANs)



SAN I Future of Urban and Rural Areas



SAN II Innovations in Medical Technology



SAN III Change through
Digitalisation



SAN IV Perspectives on
Materiality in
Art & Design



SAN V Dynamics of Complex Networks



SAN VI Processes of Aging



SAN VII Dimensions of Artificial Intelligence

DDc Lunch Retreats

- ▶ key scientists present future-oriented topics with a high scientific potential
- ▶ aim to get feedback and to sound out cooperation possibilities
- ▶ monthly during the lunchtime



www.dresden-concept.de/ddc-lunch-retreats



DDc Research Groups

- ▶ offer outstanding young scientists an optimal framework for establishing an independent working group to address innovative research topics
- ▶ are jointly supported by two or more DDc partner institutions
- ▶ can draw on the expertise and infrastructure of DDc partner institutions

- ▶ DRESDEN-concept Research Group Leaders
 1. Dr. Rita Mateus (MPI-CBG & PoL at TU Dresden)
 2. Dr. Ellen Adams (HZDR & PoL at TU Dresden)

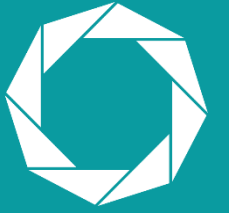


DDc Summer Schools

- ▶ TU Dresden and at least one further DDc-partner institution are involved in the organization and implementation
- ▶ especially for (inter)national students, PhD students and postdocs
- ▶ cross-cutting networking events at concurrent summer schools

DRESDEN
concept

SCIENCE AND
INNOVATION CAMPUS



SERVICES



DDc job portal
www.dresden-concept-jobs.de

Service Center
Research Data



DRESDEN-concept // SERVICES





FOLLOW US ON:

www.DRESDEN-concept.de