

German-Taiwan Cooperation in Science and Research

———— a short guide



Germany and Taiwan have excellent universities and non-university research institutions where world-class research is conducted. Both countries invest into basic and applied research, and promote collaboration with related industries.

German Universities

All German universities conduct research, often in cooperation with research institutions. The “excellence initiative” launched by the BMBF aims to promote research at selected universities by establishing graduate schools and excellence clusters (<http://www.exzellenz-initiative.de/>). For DFG-funded research projects, please check www.gepris.dfg.de

Taiwanese Universities

Research is conducted mainly at Taiwan’s national universities. The “Aim for Top University-Program” launched by the MoE aims to promote research at selected universities. 12 national universities were successful in this program (www.moe.gov.tw). The Taiwan College Navigator (<http://cnt.heeact.edu.tw/>) allows to rank Taiwanese universities according to their research output.



Research Institutions



Max Planck Society

Focus on basic research in the natural sciences and humanities; 80 internationally renowned institutes that often cooperate closely with universities.
www.mpg.de



Helmholtz Association

The Helmholtz Association has 18 National Research Centers focusing on five areas: Energy; Earth and Environment; Health; Structure of Matter; Aeronautics, Space and Transport; Key Technologies
www.helmholtz.de



Leibniz Association

The Leibniz Gemeinschaft is an umbrella organization for 86 research institutions - including 8 research museums - in all fields of science
www.wgl.de



Fraunhofer Gesellschaft

The Fraunhofer-Gesellschaft is the largest organization for applied research in Europe. It conducts research under contract for industry, the service sector and public administration.
www.fraunhofer.de



Research Institutions



Academia Sinica

Focus on basic research in the natural sciences and humanities; Academia Sinica has 3 divisions: Humanities and Social Sciences, Mathematics and Physical Sciences; Life Sciences and 7 cross-disciplinary research institutes.

www.sinica.edu.tw



National Applied Research Laboratories

Established in June 2003, the National Applied Research Laboratories (NARL) combines eleven national laboratories into an independent non-profit institute with a focus on engineering and applied research.

<http://www.narl.org.tw/en>



Institute for Information Industry (III)

III was founded in 1979 as a Non-Government Organization (NGO) to support the development/applications of the information industry as well as information society in Taiwan.

<http://web.iii.org.tw>



Industrial Technology Research Institute (ITRI)

A non-profit R&D organization engaging in applied research and technical services; focus on 5 technology areas: Information and Communication; Electronics and Optoelectronics; Material, Chemical and Nanotechnology; Medical Device and Biomedical; Mechanical and Systems Technologies; Green Energy.

www.itri.org.tw



Deutsches Institut Taipei, Section for Education & Science
www.taipei.diplo.de
Tel: ++886-2-8722 2800
Email: info@taip.diplo.de
☞ Coordinates and supports German-Taiwan activities in science & research; organizes visits of delegations to and from Taiwan.



German Trade Office, Section for Science & Technology
www.taiwan.ahk.de
Tel: +886-2-8758 5804
Email: info@taiwan.ahk.de
☞ Provides information on applied research and cooperation with the industry; facilitates contacts between German and Taiwanese companies in R&D.



German Academic Exchange Service (DAAD), Information Centre Taipei
www.daad.org.tw
Tel: ++886-2-2367 7871
Email: info@daad.org.tw
☞ Provides information on German science & research (individually and by giving seminars in institutions), answers questions on funding opportunities for Taiwanese and German researchers (DAAD and others), webpage offers detailed information in Chinese and German.



Where to get information?



Academia Sinica Taipei, International Affairs Office

<http://iao.sinica.edu.tw/>

Tel: ++886-2-2789 9446

Email: aspublic@gate.sinica.edu.tw

☞ Provides information on international cooperation between Academia Sinica and international partners; administers Taiwan International Graduate Program (PhD- Program).



Taipei: National Science Council (NSC), Department of International Cooperation

www.nsc.gov.tw

Tel: ++886-2-2737 7992

Email: hfcheng@nsc.gov.tw

☞ Coordinates German-Taiwan activities in science & research; organizes visits of delegations to and from Taiwan; provides information on NSC-sponsoring opportunities for Taiwanese researchers to Germany.



Hsinchu: Industrial Research & Technology Institute (ITRI), International Center

www.itri.org.tw

Tel: ++886-03-5912 388

Email: milondeng@itri.org.tw

☞ Provides international-level research platforms where R&D can be conducted jointly with partners; cooperates with international incubation centers to establish a “medium and small business targeted matching platform.”

Where to get information?



Berlin: ITRI Western Europe Office

[http://www.itri.org.tw/Worldwide Offices](http://www.itri.org.tw/WorldwideOffices)

Tel: ++ 49- 30- 8609 36 0

Email: contact@itri.de

☞ Serves as a platform to bridge European and Taiwanese industry; assists Taiwanese companies and R&D institutions in joining European research projects; facilitates contract research.



Bonn: NSC/Wissenschaftsabteilung der Taipei Vertretung

<http://www.roc-taiwan.org/de>

Tel: +49-228-302 305

E-mail: infos@nsc-taiwan.de

☞ Provides information on science & research in Taiwan to the German scientific community (in German language); liaises with German organizations in the field of science & research.




European Economic and Trade Office, Press and Information Section

<http://eeas.europa.eu/delegations/taiwan>

Tel: 886-2-2757 7211 ext. 107

email: admin-taiwan@eeas.europa.eu

☞ Provides information on EU programs such as the 7th Framework Program for Research and Technological Development (FP7) and others.



Where to get information?

Funding opportunities are available for scientists at all career stages. Some programs are offered within a bilateral framework, others are international programs which are offered to researchers all over the world. In bilateral programs, researchers apply in their home countries, viz. Taiwan and Germany.

For a complete list of funding programs, please check the following links:

www.daad.org.tw/downloads

www.funding-guide.de

<http://www.foerderinfo.bund.de/en/index.php>

Glossary of Funding Institutions:

DAAD – German Academic Exchange Service, www.daad.de

AvH – Alexander v. Humboldt Foundation, www.avh.de

DFG – Deutsche Forschungsgemeinschaft, www.dfg.de

BMBF – Ministry of Education & Research of Germany,
www.bmbf.de

NSC- Ministry of Science & Technology, Taiwan, www.nsc.gov.tw

ERC- European Research Council, <http://erc.europa.eu/>

REA – Research Executive Agency of European Commission,
http://ec.europa.eu/rea/index_en.htm

Offered By	Offered To	Host Country	Name of Program
DAAD			Short-term Research Stays for PhD and Postdocs (DAAD)
			Program for Postdocs studying abroad (NSC)
DAAD			Postdoc-Program for young scientists from Germany (DAAD)
DAAD			Lectureships (short-term, long-term) (DAAD)
			Taiwan International Graduate Program (Academia Sinica)
DAAD			PPP: Funding for Joint Research Collaboration (DAAD-NSC)
DAAD			Researcher Exchange Program (DAAD-NSC)
DFG			Research Exchange Program (NSC-DFG)
			Humboldt Research Fellowship for Postdoctoral Researchers (AvH)
			Research Fellowship for German Experienced Researchers to study in Taiwan (AvH; sponsored by NSC)
			4 different funding schemes for top researchers from anywhere in the world (ERC)
			Marie Curie Actions, Space Research, Security Research (EU- REA)

Where to get funding?

Portal Research in Germany

www.research-in-germany.de

Provides a comprehensive and updated overview on the German research landscape.

Newsletter Research in Germany

News and information on the latest developments in German science and research (Online and print version). Subscribe at

www.research-in-germany.de/newsletter

Newsletter DAAD Taiwan

3-4 issues per year with news and information on Taiwan-German cooperation; mailing list for recent calls, new programs etc. Subscribe at info@daad.org.tw

Newsletter NSC

Weekly e-Newsletter in English and Chinese on national and international research. Subscribe at www.nsc.gov.tw

Tu Tsung Ming Award/Humboldt Forschungspreis

The Tsung Ming Tu Award is a reciprocal award that dates back to a cooperation agreement between the Humboldt Foundation and the Taiwanese National Science Council in 2006. It seeks to promote German-Taiwanese academic relations.