

iGSS Application form for a DAAD scholarship within the Graduate School Scholarship Programme

Please fill in the information below and attach the following documents for a complete application:

- Curriculum Vitae
- Project outline (**max. 1 page strict**, to be written by the candidate, but in consultation with the preferred first supervisor)
- Copies of translated certificates and transcripts of records of qualification for higher education/university entrance and all university exams (bachelor's and/or master's/diploma degree)
- Two letters of reference, please use following [template](#)
- Certificate of language proficiency
- If applicable documents certifying completed internships

Please submit your full application as one PDF to the iGSS Office (igss@rub.de).

1. Personal details and academic qualification

Version of application form:	2020-GSSP_v1
Name of applicant (<i>surname, first name</i>):	
Date of birth (<i>dd/mm/yyyy</i>):	
Nationality:	
Gender:	
Private address of applicant , <i>please indicate your street, house number, postal code, town and country:</i>	
Email address:	
Phone number:	
Current academic status:	
Grade and date of bachelor's degree:	
Institution where bachelor's degree was awarded (<i>name, town, country</i>):	
Explanation of grading system , <i>please indicate the best and the worst possible grade in the grading system used by the university where you obtained your bachelor's degree:</i>	

Grade and date of master's degree (or equivalent), if your master's degree was not yet obtained, please indicate here your expected date of graduation and your current grade:	
Institution where master's degree (or equivalent) was awarded (name, town, country):	
Explanation of grading system, please indicate the best and the worst possible grade in the grading system used by the university where you obtained your master's degree (or equivalent):	
English skills, please indicate the level of proficiency (basics, good, fluent):	
Other language skills, please indicate the language(s) and the level of proficiency (basics, good, fluent):	
Preferred RESOLV research area, please refer to the glossary below:	
Title of the intended research project:	
Preferred first supervisor from the list of RESOLV PIs/PSs, please refer to the RESOLV homepage:	
Preferred second supervisor from the list of RESOLV PIs/PSs, please refer to the RESOLV homepage:	
Preferred starting date of doctoral studies:	

2. **Letter of Motivation** (*up to one page, 2750 characters max.*)

3. List of publications (if applicable)

Date and signature of applicant

4. Glossary:

Titles of research areas:

Research area I: Local solvent fluctuations in heterogeneous systems

- I-1:** Local thermodynamics and solvent dynamics
- I-2:** Local polarity, pH and dipolar fluctuations
- I-3:** Local electrochemistry and solvent-driven electrocatalysis

Research area II: Solvent control of chemical dynamics and reactivity

- II-1:** Solvation of reactive species
- II-2:** Solvent control of selectivity
- II-3:** Establishing new chemical processes utilizing CO₂-based solvent mixtures
- II-4:** Solvent control of reactivity in bioinspired artificial systems

Research Area III: Solvation under extreme conditions

- III-1:** Tuning reactions with high pressure
- III-2:** Cryosolvation and cryochemistry
- III-3:** Restricted solvation and solvent effects in confined spaces