

## Application for a membership in the *integrated Graduate School Solvation Science (iGSS)* within the research network RESOLV

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

- Application Form – this completed form, signed
- Research proposal – one page, single-spaced in Arial 11-pt font, written by the candidate outlining the proposed project with special emphasis on solvation science aspects
- Curriculum Vitae
- 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 - in English, should be submitted separately to [igss@rub.de](mailto:igss@rub.de)
- Proof or certificate of language proficiency

Please submit your full application packet as one PDF to the iGSS Office ([igss@rub.de](mailto:igss@rub.de)).

### 1. Personal details and academic qualification

Version of application form:	2026-igss_v1
Name of applicant (surname, first name)	
Date of birth (dd/mm/yyyy)	
Nationality	
Gender (m/f/d)	
Private address of applicant, please indicate your street, house number, postal code, town and country	
Email address	
Phone number	
Current academic status	
Grade and date of bachelor's degree	
Institution where bachelor's degree was awarded (name, town, country)	
Explanation of bachelor's transcript grading system, please indicate the best and the worst possible grade used at your bachelor's university	

<b>Grade and date of master's degree (or equivalent), if not yet obtained, please indicate here your expected date of graduation and your current grade</b>	
<b>Institution where master's degree (or equivalent) was awarded (name, town, country)</b>	
<b>Explanation of master's transcript grading system, please indicate the best and the worst possible grade used at your master's university (or equivalent)</b>	
<b>English skills, please indicate the level of proficiency (basics, B2 / good, C1/ fluent)</b>	
<b>Other language skills, please indicate the language(s) and the level of proficiency (basics, good, fluent)</b>	
<b>(Preferred) RESOLV research area, please refer to the glossary below</b>	
<b>(Preferred) supervisor(s) from the list of RESOLV PIs/PSs, please refer to the RESOLV homepage</b>	
<b>(Preferred) second supervisor from the list of RESOLV PIs/PSs, please refer to the RESOLV homepage</b>	
<b>(Preferred) starting date of doctoral studies</b>	

**Type of membership**
 **RESOLV funded**
 **associated**

**2. Letter of Motivation (*up to half page*)**

**3. List of publications**

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Date and signature of applicant

#### **4. Glossary:**

*Titles of research areas:*

##### **Research Area I: Charge and Electron Transfer – The Solvent in Action**

**I-1:** Putting the Spotlight on Electrified Interfaces

**I-2:** Molecular Energy Conversion Engines

**I-3:** Ultracool: Quantum Solvation Science

##### **Research Area II: Solvent Design for Chemical Processes**

**II-1:** Data-Driven Solvent Scales for Reaction Design

**II-2:** Controlling Assembly and Aggregation by Solvation

**II-3:** Harnessing High-Energy Processes by Solvent Modulation

**II-4:** Boosting Chiral Induction by Solvent Optimization

##### **Research Area III: Tuning Stability and Homogeneity**

**III-1:** Product Stability – Solvent is the Key

**III-2:** Solvating Hydrophobic Molecules by Mesophase Structures

**III-3:** Phase Engineering Through Solvent Control