



Request for Student Project or Thesis

If you are interested in a student project such as Bachelor or Master thesis, Master Project or Basis module or an Independent Study, please fill out this form.

Type

- Independent Study (3,6,9 ECTS)
 Master Basis Module (3 ECTS)
 Bachelor Thesis (18 ECTS)
 Master Project (18 ECTS)
 Master Thesis (30 ECTS)

In which area are you interested in doing the project? Select all that apply, at least select one main area. If applicable, indicate priority from A and B to C (A being highest, C lowest).

Topic

Main Area	Sub-Areas	
<input type="checkbox"/> 3D Computer Graphics	<input type="checkbox"/> <i>Real-time rendering</i> <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C	<input type="checkbox"/> <i>Real-time shadows</i> <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C
	<input type="checkbox"/> <i>Physically based shading</i> <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C	<input type="checkbox"/> <i>Global illumination</i> <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C
	<input type="checkbox"/> <i>Geometric modeling</i> <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C	<input type="checkbox"/> <i>Ray-tracing</i> <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C
<input type="checkbox"/> Gaming and Interaction	<input type="checkbox"/> <i>Collision detection</i> <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C	<input type="checkbox"/> <i>Computer animations</i> <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C
	<input type="checkbox"/> <i>Physical simulations</i> <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C	<input type="checkbox"/> <i>VR and AR techniques</i> <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C
<input type="checkbox"/> Scientific Visualization	<input type="checkbox"/> <i>Volume rendering</i> <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C	<input type="checkbox"/> <i>Bio-medical 3D imaging</i> <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C
	<input type="checkbox"/> <i>Segmentation</i> <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C	<input type="checkbox"/> <i>Isosurface extraction</i> <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C
	<input type="checkbox"/> <i>Vector fields</i> <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C	<input type="checkbox"/> <i>Geographic visualization</i> <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C
<input type="checkbox"/> Data/Information Visualization	<input type="checkbox"/> <i>Multivariate/-dimensional data</i> <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C	<input type="checkbox"/> <i>Dimensionality reduction</i> <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C
	<input type="checkbox"/> <i>Data clustering</i> <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C	<input type="checkbox"/> <i>Uncertainty visualization</i> <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C
	<input type="checkbox"/> <i>Visual analytics</i> <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C	<input type="checkbox"/> <i>Trees, graphs and networks</i> <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C

Any other specific area of interest, or do you already have a potential project that you have seen or that you have in mind?

Potential project title or topic:

Do you already know a potential advisor or contact?

Contact name of possible advisor/assistant:

Other Data

Please indicate your name, study area as well as the expected time frame.

Email:

First and last name:

Study area: SoSy POC AI DS WI

Expected or preferred approximate start and end dates: