

Research Project Application Form

Graduate School of Natural Sciences

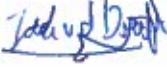
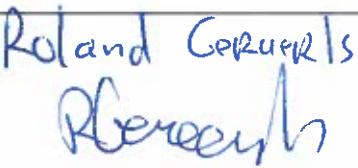
Use of this form is mandatory for all research projects as described in the programme annex of the OER, notably final thesis work ("afstuderen"). All boxes must be filled out, unless stated otherwise. Items that are not applicable may be marked 'NA'. The form must be handed in by the student at the student desk ("studentenbalie"), Buys Ballot Building room 184b, prior to starting the project.

Student	
Name of MSc programme	Game and Media technology
First and last name of student	Jack van der Drift
Email address	j.s.vanderdrift@students.uu.nl
Student number	4098978
Project supervisor (first examiner)	
Name and title (must be a Utrecht University staff member)	dr. A. (Amir) Vaxman
Faculty, department and Research group (chair)	Faculty of Science, Department of Information and Computing Sciences, Virtual Worlds
Email address	A.Vaxman@uu.nl
Daily supervisor	
Fill out this section only if the project supervisor is not the daily supervisor!	
Name and title	
Affiliation	
Address	
Telephone number	
Email address	
Second examiner	
Name and title (must be a Utrecht University staff member)	Debabrata Panja

Faculty and Research group (chair)	-II -
Email address	d.panjwani@uu.nl.
Research project	
Title	Large scale fluid simulation on point clouds
Location	Faculty of Science, Department of Information and computing sciences, Virtual Worlds
<p>Note on project parts I & II: by default, the single project is split into two parts that are considered separate courses. Therefore, both parts have to possibility of a re-take exam conform the rules as laid down in the OER. At the end of part II, the entire project is assessed and the student will receive a numerical mark. At the end of part I, the project up to that point is assessed, and the student will receive a pass ('voldoende') or fail ('onvoldoende') mark. This is considered the go/no-go for starting part II.</p> <p>Students that started their master's programme prior to 1 September 2016 have the right to a single project (parts I and II combined). Students that want this option should discuss this with their programme coordinator, and, if elected, only the questions pertaining to part II need to be filled out.</p>	
Course code part I	To be filled out by programme coordinator! Circle right code: INFOMAI1/SK-MRES1/INFOMCOSC1/ <u>INFOMGMT1/FI-MHPSRPP/INFOMMBI1/WISM105/NS-MO551M/NS-EX551M/NS-TP551M</u>
Number of credits part I	To be filled out by programme coordinator! Only OER-defined numbers are allowed. <u>15</u>
Course code part II	To be filled out by programme coordinator! Circle right code: INFOMAI2/SK-MRES2/INFOMCOSC2/ <u>INFOMGMT2/FI-MHPSRP/INFOMMBI2/WISM106/NS-MO552M/NS-EX552M/NS-TP552M</u>
Number of credits part II	To be filled out by programme coordinator! Only OER-defined numbers are allowed. <u>25</u>
Project starting date	1/12/2017
Ending date part I	1/2/2018
Ending date part II	1/8/2018
Short description of the project, including aims ¹	<p>My thesis will be about large-scale flood simulation. This is basically fluid simulation but with a focus on water and rigid objects. We will focus on the simulation of floods with large scale point clouds. The advantages of doing this are:</p> <ul style="list-style-type: none"> -There are point clouds available from real life cities and landscapes -These simulations can be used by governments to predict the scale of certain storms or floods.

¹ Please refer to the guidelines that can be found alongside this document for relation to assessment criteria.

Agreements between student and supervisors	
Number of hours available for supervision	2
Planning/timing of the supervision (e.g. 'weekly meetings')	Weekly meeting on Friday at 10:00 in Utrecht
Agreed student work load (e.g. full time, 4 days/week, etc.)	Full time
Student absence (holidays, courses, etc.)	Usual vacations and holidays
Supervisor absence (holidays, conferences, etc.)	..
Presentations to be held	Final defense
Lab/group meetings to be attended	-

Other activities agreed upon	
Copyright²	
<p>By signing this document, the student declares to transfer the copyright of any and all products, including the tangible and intellectual products, of the research project to Utrecht University. The rights of the student by scientific standards to be a co-author of publications or to be otherwise acknowledged are still recognized.</p> <p>The student is allowed and must upload his final assessed thesis to the university publication archive IGITUR. At a later stage, the thesis may be made public via IGITUR, or its access may be restricted temporarily or indefinitely.</p>	
Signatures	
Student signature and date (Must be signed when form is handed in at the student desk.)	 1-12-2017
Project supervisor signature and date (Must be signed when form is handed in at the student desk.)	 1/Dec/2017
Track coordinator name, signature, and date (Only for thesis research in the MSc Artificial Intelligence)	
Master's programme coordinator name, signature, and date (Must be signed when form is handed in at the student desk.)	 1/dec/2017
Examination board member name, signature and date (Approval and signature will be obtained by student desk.)	 14-12-2017

² The copyright statement may be revised if necessary after conferral with the research project coordinator, Iris Caris I.K.Caris@uu.nl.