## Master's Thesis Application

		APPLICATION FORM s Program in						
I	Jniversity of Applied Sciences Autonoi	mous Systems		Project ID				
A. Student information	n							
1. Name Jaswanth			Bandlamudi					
2. Study info	Enrollment number	Enrollment number		Started program				
	9034908	9034908		Winter Semester 2018				
3. Contact info	Email	Email		Phone number				
	jaswanth.bandlamudi@smail.inf.h-brs.de	jaswanth.bandlamudi@smail.inf.h-brs.de		+49-15226511608				
4. Current	Street, zip, city, country	Street, zip, city, country						
address	00-08, Mary Astell Strasse 4, 28359, Bremen,	, Germany						
5. Address	Street, zip, city, country							
during thesis stage	00-08, Mary Astell Strasse 4, 28359, Bremen,	, Germany						
B. Project information	1							
1. Project duration	From	From		То				
	01.06.2021	01.06.2021		01.12.2021				
2. Proposed topic	Title	Title						
	Benchmarking Out Of Distribution detection	methods in 2D Object Detection						
3. Supervisors	1 <sup>st</sup> supervisor's name		Affiliation (HBRS department)					
	PROF. DR PAUL G. PLÖGER		FB02					
	2 <sup>nd</sup> supervisor's name	2 <sup>nd</sup> supervisor's name		Affiliation				
	PROF. DR NICO HOCHGESCHWENDER							
	3 <sup>rd</sup> supervisor's name		Affiliation					
	DR. MATIAS ALEJANDRO VALDENEGRO TORO		MITARBEITER, DFKI Gmbh					
4. Group work	No Yes If yes, please	e write your partner's name						
5. Location of thesis work	☐ Within the department	$\hfill\Box$ Within another HBRS dept.	□ Outside the	university				
C. Agreement								
1. First supervisor	Date (dd. mm. yyyy)	Date (dd. mm. yyyy)		Signature				
•								
2. Candidate	Date (dd. mm. yyyy)	Date (dd. mm. yyyy)		Signature				
3. Internal/ external	Company name and address (if external)							
supervisor								
	Supervisor's name							

	Supervisor's email address									
	The external supervisor hereby declares that the candidate will be provided with a workstation equipped with the resources needed to prepare the thesis and that supervision on the subject matter of the thesis is assured.									
	Date (dd. mm. yyyy)			Signature						
	HE EXAMINATION BOARD s the candidate to the above R&D project with	□ no changes	□ the following o	changes						
1. Topic	Title									
2. Project duration	From (dd. mm. yyyy)			To (dd. mm. yyyy)						
3. Supervisors	1 <sup>st</sup> supervisor		2 <sup>nd</sup> supervisor			3 <sup>rd</sup> supervisor				
			□ Examining	□ Not €	examining	□ Examining	□ Not examining			
4. Project number										
5. Board signature	Date (dd. mm. yyyy)			Signature						
TO BE COMPLETED BY THE DEPARTMENT OFFICE  The candidate confirms official receipt of the topic and date of the thesis assignment										
	Date (dd. mm. yyyy)			Signature						
Submission of the thesis to the	e department office									
1. Candidate's agreement	Date (dd. mm. yyyy)	Signature								
2. Thesis submission	Date (dd. mm. yyyy)	Hard copies	E-c	opies	Abstrac	t	Transcript			
3. Forwarded to 1 <sup>st</sup> supervisor	. 33337		6. Grade received from 1 <sup>st</sup> supervisor		Date (dd. mm. yyyy)					
4. Forwarded to 2 <sup>nd</sup>	Date (dd. mm. yyyy)		7. Grade received from 2 <sup>nd</sup> supervisor		Date (dd. mm. yyyy)					
supervisor										
5. Forwarded to 3 <sup>rd</sup> supervisor	Date (dd. mm. yyyyy)		8. Grade received from 3 <sup>rd</sup> supervisor		Date (dd. mm. yyyy)					

Reply Forward

## Re: [MAS-EXPO] -Jaswanth Bandlamudi - Benchmarking Out Of Distribution detection methods in 2D Object Detection

Delete

Date: 26/05/21 (12:33:34 CEST)

From: Paul Plöger

To: Jaswanth Bandlamudi



Now follow LEA vital info => master thesis.

PGP

Zitat von Jaswanth Bandlamudi <jaswanth.bandlamudi@smail.inf.h-brs.de>:

Spam

[Hide Quoted Text]

Hello Prof.Ploeger,

Thank you for the response,

The proposal is modified as per your response and is attached here.

Best regards,

Jaswanth Bandlamudi.

Quoting Paul Gerhard Plöger <paul.ploeger@h-brs.de>:

Dear Jaswanth.

given the titel our your work I believe that the first point under "expected Deliverables" has to move to "minimum Deliverables".

Thus Minimum should be stated as:

Minimum Viable

- $\bullet$  A survey on 2D object detection methods and out-of-distribution detection methods
- Propose a dataset for benchmarking out-of-distribution detection in 2D object detection
- Train and evaluate at least one state-of-the-art 2D object detection model
- Integrate one of the current out-of-distribution detection methods into detection pipeline

Besides that I am fine with the expose.

Bests

PGP

Am 24.05.21 um 20:37 schrieb Jaswanth Bandlamudi:

Hello Prof.Ploeger,Prof.Nico,Dr.Matias,Octavio

I am Jaswanth bandlamudi, a student of the Autonomous systems group. I want to start my master thesis on 01 June 2021.

Attached here is the proposal for my master thesis. Please review the proposal and provide me your acceptance of the thesis.

Best regards,

Jaswanth Bandlamudi.

Hello Prof.Ploeger,Prof.Nico,Dr.Matias,Octavio

I am Jaswanth bandlamudi, a student of the Autonomous systems group. I want to start my master thesis on 01 June 2021.

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Best regards, Jaswanth Bandlamudi.

- -

Paul Plöger

Reply Forward Spam Delete

## Re: Fwd: [MAS-EXPO] -Jaswanth Bandlamudi - Benchmarking Out Of Distribution detection methods in 2D Object Detection

Date: 31/05/21 (11:16:22 CEST)
From: Nico Hochgeschwender

To: Jaswanth Bandlamudi

Cc: paul.ploeger@h-brs.de

Text (2 KB)

I confirm.

Am 31.05.2021 um 11:15 schrieb Jaswanth Bandlamudi:

[Hide Quoted Text]

Hello Prof.Nico

I am Jaswanth bandlamudi, a student of the Autonomous systems group. I want to start my master thesis on 01 June 2021.

Attached here is the proposal for my master's thesis. Please review the proposal and provide me your acceptance of the thesis.

As your acceptance e-mail is mandatory for registering me in Thesis. I am requesting you again.

Best regards, Jaswanth Bandlamudi.

----- Forwarded message from Jaswanth Bandlamudi <jaswanth.bandlamudi@smail.inf.h-brs.de> -----

Date: Mon, 24 May 2021 20:37:18 +0200

From: Jaswanth Bandlamudi <jaswanth.bandlamudi@smail.inf.h-brs.de>Subject: [MAS-EXPO] -Jaswanth Bandlamudi - Benchmarking Out Of Distribution detection methods in 2D Object Detection

To: "Paul Ploeger, Paul Plöger" <Paul.Ploeger@h-brs.de>, Nico Hochgeschwender <nico.hochgeschwender@h-brs.de>, matias.valdenegro@dfki.de, octavio.arriaga@dfki.de

Hello Prof.Ploeger, Prof.Nico, Dr. Matias, Octavio

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Attached here is the proposal for my master thesis. Please review the proposal and provide me your acceptance of the thesis.

Best regards, Jaswanth Bandlamudi.

---- End forwarded message -----

\*

Prof. Dr. Nico Hochgeschwender Professor of Autonomous Systems

B-IT Bonn-Aachen International Center of Information Technology

Fon: +49-2241-865-9634 Bonn-Rhein-Sieg University oAS Fax: +49-2241-865-8293 Computer Science Department

Net: nico.hochgeschwender@h-brs.de Grantham-Allee 20

53757 Sankt Augustin, Germany

Web: http://www.h-brs.de/de/inf/nico-hochgeschwender

International Master Program on Autonomous Systems

https://www.h-brs.de/en/inf/autonomous-systems-msc

6/1/2021

Reply Forward Spam Delete

## Re: [MAS-EXPO] -Jaswanth Bandlamudi - Benchmarking Out Of Distribution detection methods in 2D Object Detection

Date: 27/05/21 (15:35:35 CEST)
From: Matias Valdenegro
To: Jaswanth Bandlamudi



Hi Jaswanth,

I have reviewed the last version of your proposal and I approve it. You can proceed with your Master thesis registration.

```
On Wednesday, 26 May 2021 11:49:06 CEST you wrote:
Hello Prof.Ploeger,
     Thank you for the response,
     The proposal is modified as per your response and is attached here.
 Best regards,
Jaswanth Bandlamudi.
 Quoting Paul Gerhard Plöger <paul.ploeger@h-brs.de>:
> Dear Jaswanth,
> given the titel our your work I believe that the first point under
> "expected Deliverables" has to move to "minimum Deliverables".
> Thus Minimum should be stated as:
> Minimum Viable
> • A survey on 2D object detection methods and out-of-distribution
> detection
> methods
> • Propose a dataset for benchmarking out-of-distribution detection
> in 2D object
> detection
> • Train and evaluate at least one state-of-the-art 2D object detection
> model
>
> • Integrate one of the current out-of-distribution detection methods
> into detection
> pipeline
> Besides that I am fine with the expose.
> Bests
>
> PGP
> Am 24.05.21 um 20:37 schrieb Jaswanth Bandlamudi:
>> Hello Prof.Ploeger,Prof.Nico,Dr.Matias,Octavio
>>
>>
         I am Jaswanth bandlamudi, a student of the Autonomous
>> systems group. I want to start my master thesis on 01 June 2021.
>>
         Attached here is the proposal for my master thesis. Please
>> review the proposal and provide me your acceptance of the thesis
```

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review are proposar and provide me your acceptance or are alcord.
|>>
>>
>> Best regards,
| >> Jaswanth Bandlamudi.
| >>
| >> Hello Prof.Ploeger,Prof.Nico,Dr.Matias,Octavio
|>>
| >>
>>
        I am Jaswanth bandlamudi, a student of the Autonomous
>> systems group. I want to start my master thesis on 01 June 2021.
| >>
>>
        Attached here is the proposal for my master thesis. Please
>> review the proposal and provide me your acceptance of the thesis.
|>>
| >>
>> Best regards,
>> Jaswanth Bandlamudi.
```

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Dr. Matias Valdenegro Toro Researcher Interactive Machine Learning

Hauptgeschäftsstelle Standort Bremen: DFKI GmbH Robotics Innovation Center Robert-Hooke-Straße 1 28359 Bremen, Germany

Tel.: +49 421 178 45-6553 Zentrale: +49 421 178 45-0

Fax: +49 421 178 45-4150 (Faxe bitte namentlich kennzeichnen)

 $E\text{-}Mail: \ matias.valdenegro@dfki.de$ 

Weitere Informationen: http://www.dfki.de/robotik

Deutsches Forschungszentrum für Künstliche Intelligenz GmbH Trippstadter Strasse 122, D-67663 Kaiserslautern, Germany

Geschäftsführung: Prof. Dr. Antonio Krüger (Vorsitzender) Dr. Walter Olthoff

Vorsitzender des Aufsichtsrats: Dr. Gabriël Clemens Amtsgericht Kaiserslautern, HRB 2313

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