How to Publish/archive a student paper, essay or degree project in DiVA

1. **Log in** to BTH DiVA with your BTH account and password.
   Contact IT Helpdesk ithelpdesk@bth.se if you need help with account information.

   Personal identity number should not be published in DiVA according to Data Protection Regulation (GDPR)!

2. **Select publication type**: Student thesis is preselected. Click on continue to proceed.

Help texts explaining each field are shown if you hold your cursor over the question mark.

Select publication type -->	Enter information -->	Upload files -->	Review / Publish -->

My drafts

← Back | Cancel | Continue →

Select publication type ?

Student thesis

You can also go to your drafts.
Select *My drafts*.

You can save an incomplete registration as a draft by clicking on *Cancel/Save draft* and selecting *Save as draft*. You can find it later under *My drafts*.

← Back | Cancel | Continue →

Fields marked with red are mandatory fields. Other fields may be mandatory depending on programme/course. Check with your department if you are unsure.

3. **Fill in your details**: Fill in the details about the author or authors.
   Fill in your email address in order to receive a confirmation when registration is completed, as well as when your paper has been published and/or archived.

If there are other authors, click on "Another author" and fill in the details.

Select publication type -->	Enter information -->	Upload files -->	Review / Publish -->

← Back   Cancel / Save draft   Continue ➡

Selected publication type: Student thesis   Change type »

Author ?

Connect authority record »

Get saved personal data »   Save personal data »

Last name: *   Year of birth: Year of death:
Adams

First name: *   Local User Id:
Ada

Department, unit or programme:
Choose organisation »

Institutionen för strategisk hållbar utveckling, Department of Strategic Sustainable Development   X ←

Research group:

You can delete a selected department by clicking the X.

E-mail:
ada@adams.com

Other organisation:

If there are more authors, click on Another author to add authors.

Another author »

4. **Choose organisation**: Click *Choose organisation* and search or browse for your department. Select the lowest level in the hierarchy. You can delete a selected organisation by clicking the X.

It is vital that you select the correct department from the list. Ask at your department if you are unsure which one to choose.

Other organisation: Add information here only if you have completed your work at another university.

5. **Cooperation**: If you have cooperated with a company or an external organisation, enter the name here.

Cooperation ?

External cooperation
● Yes   ○ No

Partner: *

[   ]   **x**

[Add partner »]

6. **Title**: Enter the title and select the language of the title.
    Alternative title: If there is an alternative title in another language, enter here.

Title   ?

Main title: *

I   X₂   X²   Ω   📋   ▣   <>   ⤢   ›¶   ¶‹   Aa

The library

Subtitle:

I   X₂   X²   Ω   📋   ▣   <>   ⤢   ›¶   ¶‹   Aa

a creative meeting place

Language: *
[English   ⌄]

> If you copy the title from a document (Word, pdf etc.) click on
>
> 📋
>
> and paste the text in the window that opens to clear the text of unwanted formatting.

Alternative title ?

Main title:

| *I* | X₂ | X² | Ω | | 📋 | ⬚ | | <> | ⤢ | | ›¶ | ¶‹ | | Aa |

Biblioteket

Subtitle:

| *I* | X₂ | X² | Ω | | 📋 | ⬚ | | <> | ⤢ | | ›¶ | ¶‹ | | Aa |

en kreativ mötesplats

Language:
Swedish ▼

7. **Degree**: Fill in the level of your paper (if you are unsure of which level, type of degree, or how many credits you should select, check with your department. The list shows the present system with HE credits (Higher Education). Select the name of your programme and subject/course if these are on the lists provided. Otherwise ignore these fields.

Degree ?

Level: *

| - | ⌄ |

Example:
If your degree is in "Sjuksköterskeprogrammet", choose this level:

Degree ?

Level: *

| Independent thesis Basic level (professional degree) | ⌄ |

If your degree is in a "Civilingenjör" programme, choose this level:

Degree ?

Level: *

| Independent thesis Advanced level (professional degree) | ⌄ |

Degree ?

Level: *

| Independent thesis Advanced level (degree of Master (Two Yea | ▾ |

University credits: *

| 20 credits / 30 HE credits | ▾ |

Educational program:

| Master Programme in ALM | ▾ |

Subject / course:

| Library and Information Science | ▾ |

[Another degree »]

Content category

☐ Artistic work

Other information ?

| Year: * | Number of pages: |
| 2011 | 69 |

Other information: Fill in the year and number of pages (last paginated page). Choose the year the paper was presented at the seminar.

Other information ?

Year: * Number of pages:

8. **Series**: You can skip this part unless you have received other instructions from your department.

Series ?

Title of series/ISSN:

-

Other series ?

Title of series:

ISSN:

EISSN:

No. in series:

9. **Identifiers**: Ignore these fields if your department has not provided special instructions

Identifiers ?

URI: urn:nbn:se:bth-22978

ISRN:

Local ID:

Archive number:

DOI:

☐ Free full-text

URL:

URL label:

☐ Free full-text

Another URL »

Libris ID:

Another Libris ID »

10. **National subject category**: Choose the appropriate subject category by clicking

on the button. You can either search for subjects or browse by clicking the ⊞ - symbol. You can delete a chosen category by clicking x.

National subject category * ?

Choose national subject category »

Biblioteks- och informationsvetenskap; Information Studies (50805)   **x**

⊟ National subject categories
  ⊞ Agricultural Sciences
  ⊞ Engineering and Technology
  ⊟ Humanities
    ⊞ Arts
    ⊟ History and Archaeology
      ├ Archaeology
      ├ History of Technology
      └ History
    ⊞ Languages and Literature
    ⊞ Other Humanities
    ⊞ Philosophy, Ethics and Religion
  ⊞ Medical and Health Sciences
  ⊞ Natural Sciences
  ⊞ Social Sciences

8

11. **Keywords**: Add keywords to help others find your paper. Use commas to separate keywords. **Abstract**: Write or paste an abstract/summary. You can enter both keywords and abstracts in several languages.

Keywords ?

Physical Cell Identity, 3GPP, Machine Learning, 5G, DBSCAN

Language:
English

Keywords in another language »

If you copy the text from a document (Word, pdf etc.) click on

and paste the text in the window that opens to clear the text of unwanted formatting.

Abstract ?

B I X₂ x² ≔ ≔ Avsnitt ⌄ 📋 ⊡ •••

Background: The growing needs of communications have a higher demand for data and stream-less services for the users. A unique physical cell identity (PCI) is assigned to transfer data between the cellular base station (gNB) and user equipment (UE). It is used to transmit the data to multiple users simultaneously. In this thesis, a heuristic algorithm is generated, aided by an unsupervised machine learning approach to improve the PCI allocation of a cell for better 5G services such as connectivity and speed.

Objectives: Firstly, performing a literature review to find the appropriate performance metrics to compare both K-means and density-based spatial clustering of applications with noise (DBSCAN) technique on the PCI allocation data provided by Ericsson. Next, the better-clustering method along with heuristic algorithm was implemented to generate a efficient PCI planning. Later, compare the results of previous planning (existing PCI planning approach), proposed planning (results of using the generated heuristic algorithm) based on the ideal planning derived from the experts.

Methods: The literature review is conducted for determining the best metrics for the clustering algorithms mentioned in the objectives. With the use of unsupervised learning

P » STRONG   338 ORD

Language:
English

Another abstract »

You can enlarge the window by dragging the corner.

Click here to add abstracts in several languages.

12. **Supervisor and examiner**: Add the names of your supervisor and examiner. You don't need to add the ORCID identifier or the Local User Id.

Supervisor ?

[Connect authority record »]

[Get saved personal data »] [Save personal data »]

Last name:

Academic title:

First name:

Local User Id:

ORCiD:

Department, unit or programme:

[Choose organisation »]

E-mail:

Other organisation:

[Another supervisor »]

Examiner ?

[Connect authority record »]

[Get saved personal data »] [Save personal data »]

Last name:

Academic title:

First name:

Local User Id:

ORCiD:

Department, unit or programme:

[Choose organisation »]

E-mail:

Other organisation:

[Another examiner »]

Presentation: You don't need to complete this field.

Presentation ?

Date:

Language:

-

Room:

Address:

City:

Note   ?

B *I* X₂ x² Ω   ⛶

P

13. **Upload your file**:

After your thesis has been approved you will receive **an email with a link** to your file. **This is the file you should upload to DiVA. Do this as soon as possible, or within one week.**

Upload your paper in **PDF/A-format**. Here you can manage the public visibility of your file in DiVA.

"Make freely available now" is preselected.

No changes are necessary if your paper doesn't need any special arrangements.

Make freely available now includes archiving of the file in DiVA.

If you would like to make your file visible on a specific date, select the option "Make freely available later" and choose the appropriate date.

If you want only the information about the work (not the full text) to be visible in DiVA, select "Only for archiving".

14. **Accept the publishing conditions.** Once your file is uploaded - read the conditions for electronic publishing and tick the box to acknowledge your acceptance. If you have chosen "Only for archiving", you will not be asked to accept any publishing conditions.

Select publication type -->   Enter information -->   Upload files -->   Review / Publish -->

← Back   Cancel / Save draft   Continue →

Uploaded files ?

↓ fulltext
The file should be made available now.

Tick to accept the publishing conditions.

☑ I accept the publishing conditions »

Click here if you need to edit the file information.

Click here to delete the file.

Message to the DiVA administrator

15. **Review/Publish**: Check that all details are filled in correctly. If you want to change something, use the link "Edit information" or click on "Back" to return to the form and make the necessary changes.

16. **Check the file**: Make sure it is possible to open the uploaded PDF file. Click on "fulltext" to open your uploaded file.

17. **Submit**: When you have checked that all is correct, click on "Submit".
The box for approval of the publication condition will not appear if you have selected "only archive".

After submitting your paper

When you have submitted your paper it has to be approved by an administrator before it can be published. For this reason, you will not be able to see your paper immediately in DiVA after you have registered it.

Thank you for registering this item.

The record has now been saved in the system.

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If you have provided your e-mail address you will receive a confirmation when your registration is complete as well as when your paper has been published/archived.

When the administrator has published your paper, you will be able to find it in DiVA, Essays.se and search engines

If you find mistakes after sending in your information and file to DiVA please contact divahandlaggare@bth.se .