OhioLINK ETD Center:
Various Uses for a Variety of People

Emily Flynn
WebEx
September 17, 2014
Electronic Theses and Dissertations (ETDs)

- Undergraduate honors theses
- Masters’ theses
- Ph.D. dissertations
OhioLINK ETD Center

- Shared repository, consortial IR
- Suite of services and tools
- Users:
  - General public
  - Students, faculty
  - Graduate school staff
  - Librarians and library staff
32 institutions with 49,759 ETDs and counting
Open Access ETDs

- Freely available online
- Google Scholar results
Searching the web
A GNU Radio Based Software-Defined Radar

Abstract GNU Radio is an open source software-defined radio project, and the Universal Software Radio Peripheral (USRP) is hardware designed specifically for use with GNU Radio software. Together, these two technologies have been used to implement very sophisticated, ...
A GNU Radio Based Software-Defined Radar

Patton, Lee K

Permalink: http://ohiolink.ee.ohio.edu/docview?acc_num=wright1175142845

Year and Degree
2007, Master of Science in Engineering (MSEgr), Wright State University, Electrical Engineering.

Abstract
GNU Radio is an open source software-defined radio project, and the Universal Software Radio Peripheral (USRP) is hardware designed specifically for use with GNU Radio. Together, these two technologies have been used to implement very sophisticated, yet low-cost, software-defined radios. Since software-defined radio and software-defined radar are really one in the same technologies, it stands to reason that GNU Radio and the USRP could be utilized to form a low cost radar sensor. In this thesis, we discuss the design of a prototype software-defined radar, built using the open source GNU Radio and open specification USRP projects. The prototype design is introduced, followed by the results of laboratory testing. A discussion on the expected operational performance of the prototype is then provided. The thesis concludes with the development and analysis of a waveform optimization algorithm that is capable of improving signal to interference plus noise ratio in the presence of a band-limited interferer. The low computational complexity of this algorithm make it amenable to software-defined radar.

Committee
Brian Rigling (Advisor)

Pages
125 p.

Keywords
GNU Radio; Software-Defined Radio; Software-Defined Radar

Recommended Citation

RetWorks | RIS | Mendeley
Searching the ETD Center

OhioLINK
An OH-TECH Consortium Member
Electronic Theses & Dissertations Center

Search ETDs:  

Advanced Search

OhioLINK
An OH-TECH Consortium Member
Electronic Theses & Dissertations Center

Advanced Search

Enter search terms in at least one of the fields below:

Title: radio
Abstract: 
Author: 
Committee Members: 
Topic Keyword(s): 
Topic Keywords: 

Subject: 
Accession Number: 

Narrow your search (optional):
Year Degree Granted: 
To: 
Institution: All Institutions
Language: All Languages

The OhioLINK Advantage: Shared Services, Shared Resources. Powered by Member Participation.
Search Results (1 - 25 of 102 Results)

Sort By: Relevance, Ascending

- **Haus, David Russell** - Expertise at War: The National Committee on Education by Radio, the National Association of Broadcasters, the Federal Radio Commission and the Battle for American Radio
  - Doctor of Philosophy (Ph.D.), Bowling Green State University, 2006, History
  - In 1930 a group of educators formed the National Committee on Education by Radio (NCER) to fight for the preservation of non-profit education radio stations while also combating the monopolistic rise of commercial radio
  - Committee: Leigh Ann Wheeler (Adviser)
  - Subjects: History, United States
  - Keywords: Radio, Radio History, Progressive Era, New Deal, National Committee on Education by Radio

  - Master of Science, The Ohio State University, 2005, Electrical and Computer Engineering
  - In wireless networks, it is required to change an operating frequency as part of the radio resource management due to strong interference or system requirements of accessing radio resources. In this thesis, we propose two
  - Committee: Eylem Eldici (Adviser); Bradley Clymer, D. (Committee Member)
  - Subjects: Engineering
  - Keywords: Channel Hopping, Wireless Sensor Networks, Spectrum Handoff, Cognitive Radio Networks

- **Conrad, David B.** - Lost in the Shadows of the Radio Tower: A Return to the Roots of Community Radio Ownership in Kenya, Uganda and Tanzania
  - Master of Arts (MA), Ohio University, 2011, Communication and Development Studies (International Studies)
  - This thesis explores the state of community radio in Kenya, Uganda, and Tanzania, and encourages a shift in focus within the development communication discourse toward a more practical and spirited exploration of
  - Committee: Josep Rota, Dr. (Committee Chair); Yusuf Kalyango, Dr. (Committee Member); Duncan Brown, Dr. (Committee Member); Rafael Obregon, Dr. (Advisor)
  - Subjects: Communication; International Relations; Journalism
Refine Your Search

Search Term(s)

Go

Abstract

Accession Number

Author

Title

Institution

Submission Site

Degree Year

Degree Name

Committee Member

Subject

Topic Keywords

Language

Subjects: Communication; International Relations; Journalism

Keywords: Ownership; Donors; Dependency; Community Radio; East Africa; Alternative Media; Development; Community Media; Audience; political economy; typology; roots of ownership

Kim, Hyung Joon  Multi-standard radio transceiver architectures and radio frequency front-end design
Doctor of Philosophy, The Ohio State University, 2005, Electrical Engineering
Handheld Wireless devices are becoming extremely popular as they continue to benefit from unprecedented levels of integration. They are becoming more and more compact achieving multi-functions and meeting a 

Bosch, Tanja  Radio, community and identity in South Africa: A rhizomatic study of Bush Radio in Cape Town
Doctor of Philosophy (PhD), Ohio University, 2013, Telecommunications (Communication)
This dissertation deals with community radio in South Africa, before and after democratic elections in 1994. Adopting a case study approach and drawing on ethnographic methodology, the dissertation outlines the history 

Banjade, Arjun  Community Radio in Nepal: A Case Study of Community Radio Madanpokhara
Doctor of Philosophy (PhD), Ohio University, 2007, Mass Communication - Telecommunications (Communication)
This study is about Community Radio Madanpokhara (CRM) in Palpa district in Western Nepal. Initiated and managed by the local residents, CRM has been on the air on frequency modulation (FM) band serving 800,000

Zhou, Ruolin  The Demonstration of SMSE Based Cognitive Radio in Mobile Environment via Software Defined Radio
Doctor of Philosophy (PhD), Wright State University, 2012, Engineering PhD
With the emergence of increasing number of wireless devices and demands for higher data rates, spectrum crowding and congestion increases. Spectrum congestion problem has been challenging wireless

Bussa, Srikanth  A FPGA Based Spectral Line and Pulsar Observing System for Radio Astronomy
Master of Science in Engineering, University of Akron, 2011, Electrical Engineering
This thesis presents the design of a radio astronomy spectral line and pulsar observing system. This system will
Broadcasting Change: Radio Talk Shows, Education and Women’s Empowerment in Senegal

Diamanka, Fanta

Year and Degree
2013, Doctor of Philosophy (PhD), Ohio University, Cultural Studies (Education).

Abstract
This study examined radio talk shows as a platform for Senegalese women to debate social issues and identifies new directions and alternative avenues for their lives. Radio talk show in Senegal is a dynamic, flexible, and interactive tool for communication while highlighting the way women relate to and use this medium to voice their opinions in a broader world of information and ultimately affect social change.

Utilizing a hermeneutic phenomenological approach grounded in an African centered paradigm, this study uses forty (40) in-depth interviews, three focus groups, document analysis and more than 120 hours of participant observation. Moreover, this study integrated a mix of paradigms and approaches to provide insights into the dialogues and listening practices that women are engaged in while seeking to understand the avenues that radio talk shows provide for women’s empowerment and education in Senegal.

This study found that the talk shows were a remarkable empowering and educational forum for women to negotiate, articulate and re-invent themselves. Through their interaction on the talk shows, women realized that they were more than just receivers of knowledge. Their constant quest for answers produced knowledge that fostered... More

Committee
Francis Godwill (Advisor)
Jerry Johnson (Committee Member)
Steve Howard (Committee Member)
Elizabeth Collins (Committee Member)

Pages
474 p.

Subject Headings
African Studies, Education, Gender, Mass Media

Keywords
Radio, Gender, Education, Empowerment, Dialogue, Senegal, Africa/Womanism

Recommended Citation

APA Citation
MLA Citation
Chicago Citation

Files
Full text release has been delayed at the author's request until June 01, 2015
How do ETDs get published in the ETD Center?
ETD Admin  http://etdadmin.ohiolink.edu
Institutions and submission sites

- Many students, few Reviewers, one Administrator
- Multiple submission sites
  - Honors Theses, Medical School, Geology Department
  - Reviewers approve for one or many sites
  - Different settings
- Reviewers and Administrators can submit ETDs on behalf of students
  - Retrospective projects
Submission process

DRAFT ➔ SUBMITTED ➔ PUBLISHED
submitter
reviewer
administrator ➔ reviewer
administrator
administrator
general public
Submission form

Before you begin...
Please be aware that this is a submission form for a completed thesis or dissertation. This form will collect the information necessary to include your document in the OhioLINK ETD Center along with additional information needed by your graduate school or appropriate office. The information you provide will be sent to your school for review and approval. Any information provided is subject to editing or removal by your school if it is found to be incomplete, incorrect, or otherwise inconsistent with school policies.

Before submitting your ETD, please read our Frequently Asked Questions sections on "When will my ETD be published? Can I delay publication?" and "Can I publish a book based on my ETD?"

Papers published on this site will be available for download over the Internet, and will be indexed by major search engines, including Google, Yahoo, Bing, and others.

Do Not Continue Unless:
- You are ready to submit your document to your graduate school or appropriate office, and agree to the terms below.
- You understand your school’s rules and requirements for ETD submission.
- You have a complete, final thesis or dissertation, or permission to submit your current version (or you have permission to submit only your abstract).
- Your thesis or dissertation is in the form of a single PDF file (or you have permission to submit only your abstract). For non-text files, consult your school for appropriate formats.

By submitting, you agree to the following:

OhioLINK ETD Center Publication Agreement
ETD Submission Progress

Information About Your Paper

About the Author

Last Name *  
Abinder

First Name *  
Mindy

Middle Name  
A

Suffix

About the Paper

Title *  
Master's thesis

20 of 255

Preview Title

Enter or paste in the title of your document as it appears on the title page. Please use standard title capitalization or sentence capitalization (for example, "An Analysis of VTOL Aircraft" or "An analysis of VTOL aircraft," rather than "AN ANALYSIS OF VTOL AIRCRAFT").

If you are pasting your title from a word processor, please see our notes about entering special characters and formatting.

Abstract *  
Abstract goes here.

19 of 30000

Preview Abstract

Enter or paste in your paper's abstract or summary. Leave a blank line for paragraph breaks.

If you are pasting your abstract from a word processor, please see our notes about entering special characters and formatting.

Keywords
Electronic Theses & Dissertations Center

ETD Submission Progress

Degree Information

If the degree, college, school, department, or program you are looking for is not in the list provided, you may have selected the wrong institution/unit on the agreement step (1) of the ETD submission process. You can go back to the agreement step by clicking on “Agreement” in the progress bar above. You can then change the institution you are submitting for, and return to this page.

About Your Degree from John Carroll University

Degree *
Master of Arts

College, School, Department, or Program *
English

Degree Year
2015

About Your Advisors and Committee Members

You must provide at least one member in this form. If you provide more than one, the first member will be your main member and all other members will be supplemental.

<table>
<thead>
<tr>
<th>Order</th>
<th>Last Name</th>
<th>First Name</th>
<th>Suffix/Deg.</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Flynn</td>
<td>Emily</td>
<td></td>
<td>Advisor</td>
</tr>
<tr>
<td>2</td>
<td>Flynn</td>
<td>Emmalee</td>
<td></td>
<td>Committee Chair</td>
</tr>
</tbody>
</table>
Copyright

Licensing Permission (one of the following must be selected) *

* Copyright, all rights reserved. My ETD will be available under the "Fair Use" terms of copyright law. This may be required by third-party publishers you work with to publish your paper commercially.

* Copyright, some rights reserved. My ETD may be copied and distributed only for non-commercial purposes and may not be modified. All use must give me credit as the original author. [This is the Creative Commons "Attribution - Noncommercial - No Derivative Works" license]

* Copyright, some rights reserved. My ETD may be copied and distributed only for non-commercial purposes and may be modified only if the modified version is distributed with these same permissions. All use must give me credit as the original author. [This is the Creative Commons "Attribution - Noncommercial - Share Alike" license]

In addition, you may choose to allow additional use of your paper via a Creative Commons license. [Why would I do this?]

Creative Commons licenses are non-revocable; once granted, they cannot be taken away. Please understand their terms carefully before selecting a Creative Commons option.

Delay

Publication delays are not automatically granted. Your institution will review your request and notify you whether or not it will be granted. If you are requesting a delay, please provide a detailed reason for the request in the box provided.

Are you requesting a publication delay?  No
ETD Submission Progress

Submission Review

Below you will find all the information you have entered for your ETD. Please take a few moments to verify that all of the information below is correct. You may still go back and make any necessary changes.

If you don’t see a “Publish ETD”, “Submit my ETD” or “Save Comments” button above, then some required information is missing from the submission. To find the missing information, select the “Agreement” bubble above and then select “Save and Continue” through each step of the submission wizard until you are informed of missing required fields.

Author and Paper Information

Author: Alinder, Emily A
Degree: Master of Arts, John Carroll University, English, 2015
Title: Master's thesis
Abstract: Abstract goes here.
Subjects: Information Science, Library Science
Advisors: Emily Flynn, Advisor, Emmalee Flynn, Committee Chair
Language: English

Publication Information

You have chosen the following copyright license for OhioLINK: Copyright, all rights reserved. My ETD will be available under the “Fair Use” terms of copyright law. This may be required by third-party publishers you work with to publish your paper commercially.

You have chosen the following ProQuest/UMI Publication options: Upload my paper to UMI for the traditional publishing option. I understand that I must maintain a current mailing address with UMI to remain eligible to receive royalties. You allow search engines to have access to your work at ProQuest.

Contact Information

Current Email Address: emilyalinder@gmail.com (view profile)
Mailing Address: OhioLINK - 36 E. Chestnut Street, 8th floor
Columbus, OH 43215
UNITED STATES

Files

<table>
<thead>
<tr>
<th>Document Type</th>
<th>Name</th>
<th>MDS Hash</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thesis/Dissertation</td>
<td>TEST.pdf</td>
<td></td>
</tr>
</tbody>
</table>
Submitter homepage (returning)

### My ETDs

<table>
<thead>
<tr>
<th>Institution/Unit</th>
<th>Accession ID</th>
<th>Title</th>
<th>Submission Status</th>
<th>Submitted By</th>
<th>Reason for Return</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Carroll University</td>
<td>jcu1410351216</td>
<td>Honors thesis</td>
<td>Submitted</td>
<td>Ainder, Emily</td>
<td></td>
</tr>
<tr>
<td>John Carroll University</td>
<td>jcu1300386316</td>
<td>Master's thesis</td>
<td>Returned to Submitter</td>
<td>Ainder, Emily</td>
<td></td>
</tr>
<tr>
<td>Kent State University</td>
<td>-</td>
<td>Ph.D. dissertation</td>
<td>Draft</td>
<td>Ainder, Emily</td>
<td></td>
</tr>
</tbody>
</table>

1 - 3
Submitter homepage (published ETD)

Electronic Theses & Dissertations Center

My ETDs

<table>
<thead>
<tr>
<th>Institution/Unit</th>
<th>Accession ID</th>
<th>Title</th>
<th>Submission Status</th>
<th>Submitted By</th>
<th>Reason for Return</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kent State University Honors College</td>
<td>ksuhonors1410798134</td>
<td>Honors thesis</td>
<td>Published</td>
<td>Alinder, Emily</td>
<td></td>
</tr>
</tbody>
</table>

Create New ETD
Submitter homepage (published ETD)

ETD Submission Progress

Agreement  Paper Information  Degree Information  Publication Information  Document Upload  Review

Information About Your Paper

About the Author
- Last Name: Emily
- First Name: Alinder
- Middle Name: A
- Suffix

About the Paper
- Title: Honors thesis
- Abstract: Abstract goes here.
- Keywords
- Subject Headings: Aesthetics

Year Completed
- Pages
- Language: English

Reviewer Notes
- Notes to Submitter
  (Note: These notes are only visible to submitters, reviewers, and administrators)
Reviewer homepage

Electronic Theses & Dissertations Center

ETDs to be reviewed

<table>
<thead>
<tr>
<th>Status</th>
<th>Number of ETDs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Draft</td>
<td>4</td>
</tr>
<tr>
<td>Submitted</td>
<td>1</td>
</tr>
<tr>
<td>Returned to Submitter</td>
<td>1</td>
</tr>
<tr>
<td>Upcoming Embargo Status Changes</td>
<td>0</td>
</tr>
</tbody>
</table>

Welcome

Welcome to the Electronic Theses and Dissertations Center!
To submit your Thesis or Dissertation, click the button below...

Create New ETD

The OhioLINK Advantage: Shared Services. Shared Resources. Powered by Member Participation.
Approving ETDs

ETD Submission Progress

Submission Review

Author and Paper Information

Author: Ander, Emily
Degree: Master of Arts, John Carroll University, English
Title: Test submission
Abstract: For OhioLINK’s ETD Center testing purposes
Subjects: Aesthetics
Advisors: Emily Flynn, Advisor
Language: English

Publication Information

You have chosen the following copyright license for OhioLINK: Copyright, all rights reserved. My ETD will be available under the “Fair Use” terms of copyright law. This may be required by third-party publishers you work with to publish your paper commercially.

You have also requested that your publication be delayed by one year and your thesis office will be notified accordingly. You requested that your publication be delayed because “Working on a published piece based on my thesis”

You have chosen the following ProQuest/UMI Publication options: Do not upload my paper to UMI. I retain the option to submit it myself at a later date.

Contact Information

Current Email Address: emilyainder@gmail.com

Files

<table>
<thead>
<tr>
<th>Document Type</th>
<th>Name</th>
<th>MDS Hash</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thesis/Dissertation</td>
<td>TEST.pdf</td>
<td></td>
</tr>
</tbody>
</table>
Reports

- Space Utilization Report
- ETD Count Report
- ETD Downloads Report
- ProQuest/UMI Uploads Report
Administrator homepage

Electronic Theses & Dissertations Center

ETDs to be reviewed

<table>
<thead>
<tr>
<th>Status</th>
<th>Number of ETDs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Draft</td>
<td>3</td>
</tr>
<tr>
<td>Submitted</td>
<td>2</td>
</tr>
<tr>
<td>Published</td>
<td>9</td>
</tr>
<tr>
<td>Returned to Submitter</td>
<td>1</td>
</tr>
<tr>
<td>Upcoming Embargo Status Changes</td>
<td>0</td>
</tr>
</tbody>
</table>

My ETDs

<table>
<thead>
<tr>
<th>Institution/Unit</th>
<th>Accession ID</th>
<th>Title</th>
<th>Submission Status</th>
<th>Submitted By</th>
<th>Reason for Return</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Carroll University</td>
<td>jcu1406641321</td>
<td>Test submission</td>
<td>Submitted</td>
<td>Alinder, Emily</td>
<td></td>
</tr>
</tbody>
</table>

1 - 1
How is the ETD Center’s metadata available?
Metadata tools

- Open Archives Initiative Protocol for Metadata Harvesting (OAI-PMH)
  - oai_dc Simple (Unqualified) Dublin Core
  - oai_etdms ETDMS 1.0
  - marc21 MARCXML

- ETDCat
  - MARC
ETDCat

http://etdcat.ohiolink.edu/
Select ETD Program and Date Range

- ETD Program: Bowling Green State University
- Start Date: 01-JAN-2014
- End Date: 12-SEP-2014

Retrieve ETD Records

ETD Metadata Summary

<table>
<thead>
<tr>
<th>Accession Number</th>
<th>Submitted/Updated</th>
<th>Published/Modified</th>
<th>Author</th>
<th>Title</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>bgsu1404780148</td>
<td>13-JUL-14</td>
<td>16-JUL-14</td>
<td>Kim, Jeena</td>
<td>Tea Parties, Fairy Dust, and Cultural Memory: The Maintenance and Development of Alice in Wonderland and Peter Pan Over Time</td>
<td>unrestricted</td>
</tr>
<tr>
<td>bgsu1404745644</td>
<td>07-JUL-14</td>
<td>09-JUL-14</td>
<td>Cull, Rebecca M</td>
<td>Analysis of Cytosine Methylation in Soybean Pathogen Phytophthora sojae</td>
<td>unrestricted</td>
</tr>
<tr>
<td>bgsu1404743507</td>
<td>09-JUL-14</td>
<td>28-JUL-14</td>
<td>Hernandez, Carolina</td>
<td>Sex Trafficking in the United States: An Exploratory Study of the Experiences of International and Domestic Women Working in the Sex Industry in the U.S.</td>
<td>unrestricted</td>
</tr>
<tr>
<td>bgsu1404741549</td>
<td>16-JUL-14</td>
<td>17-JUL-14</td>
<td>Lambright, Scott</td>
<td>Ultrafast Charge Carrier Dynamics in Au/Semiconductor Nanoheterostructures</td>
<td>unrestricted</td>
</tr>
<tr>
<td>bgsu1404741661</td>
<td>07-JUL-14</td>
<td>08-AUG-14</td>
<td>Marera, Ivan Daniel</td>
<td>Towards the Investigation of Ultrafast Directed ...</td>
<td>unrestricted</td>
</tr>
</tbody>
</table>
### Select ETD Program and Date Range

- **ETD Program**: Bowling Green State University
- **Start Date**: 01-JAN-2014
- **End Date**: 12-SEP-2014

### ETD Metadata Summary

<table>
<thead>
<tr>
<th>Accession Number</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>bgsu1404780148</td>
<td>unrestricted</td>
</tr>
<tr>
<td>bgsu1404745644</td>
<td>unrestricted</td>
</tr>
<tr>
<td>bgsu1404743507</td>
<td>unrestricted</td>
</tr>
<tr>
<td>bgsu1404741549</td>
<td>unrestricted</td>
</tr>
<tr>
<td>bgsu1404724648</td>
<td>unrestricted</td>
</tr>
</tbody>
</table>

#### Opening etd.mrc

**You have chosen to open:**

- **etd.mrc**
  - which is: MARC Files
  - from: [https://etdcat.ohiolink.edu](https://etdcat.ohiolink.edu)

**What should Firefox do with this file?**

- [ ] Open with MarcEdit (default)
- [ ] Save File
- [ ] Do this automatically for files like this from now on.

---

**OK**

**Cancel**
ETD Center metadata

• Based on the information entered in the submission form
  – Subjects selected from a controlled list
    • At least 1 required
  – Keywords provided by author
• MARC records currently AACR2
  – RDA could be a future enhancement
ETD Center Council

• Began in April 2014
• Small advisory committee
  – 4 graduate school/office staff
  – 4 library staff
  – 1 OhioLINK liaison
• Focus on ETD Center policies and issues
Questions

Emily Flynn
Metadata & eResources Librarian, OhioLINK
emily@ohiolink.edu

Like Us on Facebook: http://facebook.com/OhioLINK
Follow Us on Twitter: https://twitter.com/ohiolink

35 E. Chestnut St, 8th floor
Columbus, OH 43215
Phone: (614) 485-6722