



Note: Once an account is created, that email and password combination can be used to enter both the EMI and PMC portals, regardless of what portal it was originally created in.

<p>Sign In</p> <p><u>What is your e-mail address?</u></p> <p>E-Mail Address: <input type="text"/></p> <p><u>Do you have an account with us?</u></p> <p><input type="radio"/> No, I have not registered on your site before.</p> <p><input checked="" type="radio"/> Yes, my password is <input type="text"/></p> <p><input type="checkbox"/> Remember me on this computer</p> <p><input type="button" value="Sign In To Account"/></p> <p>Forget your password? Send password to my e-mail</p> <p>Click here if your e-mail address has changed since your last visit to our site.</p> <p><small>For assistance using our logon application please contact our customer service.</small></p>	<p>STEP 1: LOGIN TO PAPER MANAGEMENT SYSTEM</p> <p>Use the email and password used to create the account and submit the abstract previously.</p> <p>If you forgot your password, click the “Send password” link to receive your password by email.</p>
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Submitter's Abstract List

Here is a list of the abstracts that you have submitted. Please select one to edit, or add a new abstract.

Event Information

Event: EMI 2012: Engineering Mechanics Inst. Conference/ PMC 2012: 11th ASCE Joint Specialty Conference on Probabilistic Mechanics & Structural Reliability

Event Dates: Sunday, 06/17/12 04:00 PM - Wednesday, 06/20/12 04:30 PM

Submitter Account

LAB, DYNAMO
107 Cushing Hall
Notre Dame, IN
46556

Abstract List_-_Add

Sequence	Title	
369	A Wavelet-Based Framework for System Identification Under Transient Wind Events	<input type="button" value="Review"/>
370	A Citizen-Centric Health Monitoring Paradigm Using Embedded Self-Locating Wireless Sensor Networks	<input type="button" value="Review"/>

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STEP 2: REVIEW SUBMISSIONS

All submitted abstracts will be listed for this account. All abstracts, whether accepted or rejected are shown here. However, only accepted abstracts can be edited.

Click "Review" to access an abstract.

Abstract Review

Please review the information for your abstract. If there is any information that needs to be changed, click the edit link within the appropriate section. After making any necessary changes, click the Save Changes button to save your data.

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Submitter Account

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Notre Dame, IN
46556



Author/Co-Authors - [Edit](#)

Order	Name	Title	Company	Type	Presenter
1	LAB, DYNAMO		University of Notre Dame	Author	<input checked="" type="checkbox"/>

Abstract - [Edit](#) | [Delete](#)

Topic: Sensor Technology and Health Monitoring of Civil Infrastructure Systems

Title: A Citizen-Centric Health Monitoring Paradigm Using Embedded Self-Locating Wireless Sensor Networks

Abstract Text:

Despite calls by ASCE to update bridge inspection standards, our country remains without an economically feasible framework for widespread evaluation to support maintenance efforts for its aging infrastructure. Specifically, most state-owned bridges receive visual inspection only once every two years, leading to infrequent, subjective assessments that can only detect surface defects. While integrated health monitoring systems are often presented as a solution to this issue, this project adopts a unique variation on this theme by actively seeking to remove barriers that have precluded non-expert citizen's direct use of structural health monitoring on our aging infrastructure. Such is the concept of CITI-SENSE: A Citizen-Centric Health Monitoring Paradigm.

Quite simply, structural health monitoring efforts generally have not attempted to deliver these technologies directly to citizen end users. This has erected a technology adoption barrier that has effectively isolated the end users of technology (transportation officials) from the technologies themselves. Thus widespread adoption of structural health assessment using embedded sensor networks has not been realized, as end users have not been given the opportunity

Presentation Type: Not Required

STEP 3: REVIEW AUTHOR AND CO-AUTHOR INFORMATION

The information in the blue box is the current author information and reflects the information that will appear in the conference program.

Each author's name should appear LAST, FIRST and their Company (affiliation) should also be displayed.

Presenting author will have a check box under "Presenter" column and the Corresponding author will have "Author" under the "Type" column.

If ANY of this information is in error, click "Edit" next to "Author/Co-Authors."

You will be redirected to the Abstract Authors Page.

If all information is correct, go to STEP 7.

Abstract Authors

Listed below are the authors and co-authors for abstract 'A Citizen-Centric Health Monitoring Paradigm Using Embedded Self-Locating Wireless Sensor Networks'. Please make changes as necessary, and click the Accept button to proceed to the Abstract Review page.

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Author/Co-Authors

Order	Name	Title	Company	Type	Presenter	
1	LAB, DYNAMO		University of Notre Dame	Author	<input checked="" type="checkbox"/>	Remove
2	DOE, JANE		CTBUH	Co-Author	<input type="checkbox"/>	Remove
3	SMITH, JOHN		OEMC	Co-Author	<input type="checkbox"/>	Remove

[Update Order](#)

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STEP 4: REVIEW AUTHOR NAMES AND AFFILIATIONS

Each author's name should appear LAST, FIRST and their Company (affiliation) should also be displayed. If EITHER of these is not incorrect:

1. Click the "Remove" button next to that author. You will see an updated screen with this author now removed from the author/co-authors list.
2. Click "Add Co-Author" next to "Authors/Co-Authors"

If all author names and companies (affiliations) are correct, go to Step 6.

Create Account Page

New Author

To set up your account fill in the form below

NOTE: Your e-mail address serves as your login id.

Note: Fields indicated by a red asterisk are required and must be completed in order to proceed.

First Name:*	<input type="text" value="DYNAMO"/>
Last Name:*	<input type="text" value="LAB"/>
Organization Name:*	<input type="text" value="University of Notre Dame"/>
Address (Line 1):*	<input type="text" value="107 Cushing Hall"/>
City:*	<input type="text" value="Notre Dame"/>
State:	<input type="text" value=""/>
Postal Code:*	<input type="text" value="46556"/>
Country:*	<input type="text" value="U.S.A."/>

STEP 5: EDIT AUTHOR NAMES AND AFFILIATIONS

Enter the requested information for the author/co-author and click "Create Account"

You should be returned to the Abstract Authors page and see the updated authorship.

Repeat this Steps 4 and 5 as necessary until all author names and companies (affiliations) are correct.

For assistance using our logon application please contact our customer service.

Abstract Authors

Listed below are the authors and co-authors for abstract 'A Citizen-Centric Health Monitoring Paradigm Using Embedded Self-Locating Wireless Sensor Networks'. Please make changes as necessary, and click the Accept button to proceed to the Abstract Review page.

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Submitter Account | [Add As Author/Co-Author](#)

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Notre Dame, IN

[Add Author/Co-Authors](#) - [Add Author](#) | [Add Co-Author](#)

Order	Name	Title	Company	Type	Presenter	
1	LAB, DYNAMO		University of Notre Dame	Author	<input checked="" type="checkbox"/>	Remove
2	DOE, JANE		CTBUH	Co-Author	<input type="checkbox"/>	Remove
3	SMITH, JOHN		OEMC	Co-Author	<input type="checkbox"/>	Remove

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[Cancel](#) [Accept](#)

STEP 6: REVIEW AUTHOR ORDERS AND ROLES

Review the order of authors and corresponding author and presenting author designations.

1. The corresponding author should have “Author” displayed under the “Type” column. All others should display “Co-Author.” This can be adjusted by modifying the selections using the drop down menu. **You can specify only one “Author.”**
2. Author orders can be revised by typing the updated order in the “order” column. Click the “Update Order” link just below the Order column to refresh the order.
3. Click the check box in the “Presenter” column to specify who will present the paper at EMI/PMC 2012 (this person is required to register for the conference by April 15, 2012). **You can specify only one “Presenter.”**
4. Once all adjustments have been made, click “Accept”

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Abstract Review

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Author/Co-Authors - [Edit](#)

Order	Name	Title	Company	Type	Presenter
1	LAB, DYNAMO		University of Notre Dame	Author	<input type="checkbox"/>
2	SMITH, JOHN		OEMC	Co-Author	<input checked="" type="checkbox"/>
3	DOE, JANE		CTBUH	Co-Author	<input type="checkbox"/>

Abstract - [Edit](#) | [Delete](#)

Topic: Sensor Technology and Health Monitoring of Civil Infrastructure Systems
Title: A Citizen-Centric Health Monitoring Paradigm Using Embedded Self-Locating Wireless Sensor Networks

Abstract Text:

Despite calls by ASCE to update bridge inspection standards, our country remains without an economically feasible framework for widespread evaluation to support maintenance efforts for its aging infrastructure. Specifically, most state-owned bridges receive visual inspection only once every two years, leading to infrequent, subjective assessments that can only detect surface defects. While integrated health monitoring systems are often presented as a solution to this issue, this project adopts a unique variation on this theme by actively seeking to remove barriers that have precluded non-expert citizen's direct use of structural health monitoring on our aging infrastructure. Such is the concept of CITT-SENSE: A Citizen-Centric Health Monitoring Paradigm.

Quite simply, structural health monitoring efforts generally have not attempted to deliver these technologies directly to citizen end users. This has erected a technology adoption barrier that has effectively isolated the end users of technology (transportation officials) from the technologies themselves. Thus widespread adoption of structural health assessment using embedded sensor networks has not been realized, as end users have not been given the opportunity

Presentation Type: Not Required

STEP 7: REVIEW ABSTRACT

Once authorship has been updated (as displayed in the blue box), the abstract should be reviewed. If you wish to update your abstract or expand upon it for inclusion in the conference proceedings, click "Edit" next to "Abstract."

If you do not wish to update your abstract, go to Step 9.

Edit Abstract

Please make any necessary changes to your abstract. Click the Accept button to proceed to the Abstract Review page.

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Event Dates: Sunday, 06/17/12 04:00 PM - Wednesday, 06/20/12 04:30 PM

Topic: * ...Sensor Technology and Health Monitoring of Civil Infrastructure Systems

Title: * A Citizen-Centric Health Monitoring Paradigm Using Embedded Self

Abstract Text: *

Despite calls by ASCE to update bridge inspection standards, our country remains without an economic feasible framework for widespread evaluation to support maintenance efforts for its aging infrastructure. Specifically, most state-owned bridges receive visual inspection only once every two years, leading to infrequent, subjective assessments that can only detect surface defects. While integrated health monitoring systems are often presented as a solution to this issue, this project adopts a unique variation on this theme by actively seeking to remove barriers that have precluded non-expert citizen's direct use of structural health monitoring on our aging infrastructure. Such is the concept of CITI-SENSE: A Citizen-Centric Health Monitoring Paradigm.

Quite simply, structural health monitoring efforts generally have not attempted to deliver these technologies directly to citizen end users. This has erected a technology adoption barrier that has effectively isolated the end users of technology (transportation officials) from the technologies themselves. Thus widespread adoption of structural health assessment using embedded sensor networks has not been realized, as end users have not been given the opportunity to become advocates for the technology by employing it themselves. Further the expense and need for expert involvement in previous structural health monitoring attempts meant that the vast majority of bridges, including those that are structurally def in greatest need of assessment, cannot benefit from these efforts. By recognizing that

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STEP 8: EDIT THE ABSTRACT

Please do not change the Topic your abstract was submitted under. Any change to topic should be requested through emipmc12@nd.edu.

1. You may make minor adjustments to the abstract title.
2. Then type or paste the text of your revised abstract into the "Abstract Text" field. Please note the following important formatting notes:
 - Submissions are limited to 4000 Characters.
 - **INCLUDE ONLY THE ABSTRACT TEXT; NO TITLE, AUTHORSHIP OR THE HEADING "ABSTRACT" SHOULD BE INCLUDED IN THE ABSTRACT TEXT FIELD.**
 - If you are including references in your abstract, [click here](#) for additional formatting instructions.

Important Notice: If you are cutting and pasting content from Microsoft Word 2003, please avoid using Google Chrome or Firefox due to an incompatibility. There exist no problems with Safari or Internet Explorer or with any other word processing software or any other versions of Microsoft Word (even a fully updated version of Microsoft Word 2003 will not create any problems).

3. For "Presentation Type" select "Not Required" from the drop down menu.
4. Select "Accept" (If the abstract is over length, upon clicking Continue you will be redirected with a red error message back to this screen and asked to shorten your abstract.)

STEP 9: CONFIRM AND SAVE CHANGES

You will have an opportunity to review your submission.

If everything is correct, click “Save Changes”

Abstract Review

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3	DOE, JANE		CTBUH	Co-Author	<input type="checkbox"/>

Abstract - Edit | Delete

Topic: Sensor Technology and Health Monitoring of Civil Infrastructure Systems

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STEP 10: EXIT PORTAL

You will be returned to your list of abstracts.

When finished, click “Not USERNAME” to log off.