4TH RESIDENTIAL BUILDING DESIGN & CONSTRUCTION CONFERENCE

February 28 - March 1, 2018 | State College, PA

Announcement & Call for Submissions
The Pennsylvania Housing Research Center (PHRC), housed in the Civil & Environmental Engineering Department and the Architectural Engineering Department at the Pennsylvania State University, is delighted to announce the 4th Residential Building Design and Construction (RBDC) Conference. The 4th RBDC Conference will provide a forum for researchers, architects, engineers, other design professionals, product manufacturers, builders, developers, and code officials to discuss challenges to sustainable, energy efficient, healthy, environmentally friendly, natural hazard resistant, and affordable residential construction, and share recent research findings, state-of-the-art technologies, and innovative projects and approaches in the field. This conference will focus on various types of residential buildings including single-family dwellings, multi-family multi-story apartment buildings, mid-rise and high-rise residential building towers, factory-built and modular housing, dormitories, and hotels/motels.

Experts from academia, A/E design firms, builders, developers, manufacturers, and government and code officials are cordially invited to submit 200-300 word abstracts by March 15, 2017 on all aspects of residential buildings, including the following topics:

- Innovative and Emerging Housing Construction Methods/Systems
- Innovative Wall, Floor, Roof, Window, and Siding Systems
- Learning from the Performance of Residential Buildings under Natural Disasters
- Low-Income and Affordable Housing
- Panelized Building Components
- Resilient New Design and Retrofit of Existing Buildings under Natural Disasters
- Retrofit of Existing Buildings for Energy Efficiency
- Rural and American Indian Housing
- Serviceability and Life Safety Damage Aspects
- Smart Home Technologies
- Sustainable Housing Construction Materials and Methods
- Temporary Housing for Disaster Situations
- Whole Building Design Approach
- Zero-Net Energy Homes and Passive House Design

Authors of accepted abstracts will submit their full papers for review and comments by the Organizing Committee and/or Scientific Committee for inclusion in the Conference Proceedings. The Proceedings will be made available at the time of the conference in digital format on USB memory sticks for all Registrants. The Conference Proceedings will be an edited document and will require the authors of the papers to transfer copyright to PHRC for its publication with an ISBN number.
Abstract Submission Deadline: March 15, 2017
Abstract Acceptance Notification: April 12, 2017
Full Paper Submission Deadline: August 23, 2017
Full Paper Acceptance and Review Comments Notification: October 4, 2017
Camera-Ready Final Full Paper Deadline for Inclusion in the Proceedings: November 30, 2017

At the conference authors will present a 20-30 minute Powerpoint presentation, and should bring their own presentation with them on a USB memory stick.

Please submit your 200-300 word abstract through e-mail to:
Sarah Klinetob Lowe, Conference Secretariat
slowe@engr.psu.edu
Pennsylvania Housing Research Center
219 Sackett Building
University Park, PA 16802
Phone: (814) 865-7915; Fax: (814) 863-7304
www.PHRC.psu.edu

Authors who do not wish to submit full papers for the proceedings but would only like to submit a presentation must submit their Power Point slides by January 22, 2018 for distribution at the conference. These Power Point slides will be included along with the Conference Proceedings on the USB memory sticks that will be distributed at the conference. These slides, however, will not be considered as part of the Conference Proceedings, but will later be made available on the PHRC website.

Registration Fee for General Admission:
Until November 15, 2017: $450
After November 15, 2017: $500
Please register at PHRC.psu.edu under “Conferences”
The 4th RBDC Conference will be held simultaneously with the 26th Annual Housing & Land Development (H&LD) Conference, February 28 - March 1, 2018 at the Penn Stater Conference Center Hotel in State College, PA. Registrants for either conference may mix and match sessions with no additional registration required.

The H&LD Conference has been a successful PHRC program for over two decades with emphasis on topics of interest to developers, builders, remodelers, design professionals, planners, regulatory and code official, modular and HUD code builders, and housing product manufacturers. The presentations for the H&LD conference are by invited speakers only, whereas the RBDC Conference presentations are based on submitted abstracts and peer reviewed papers. Full details on the H&LD Conference can be found on PHRC’s website at phrc.psu.edu under “Conferences”.

Concurrent: 26th Annual Housing & Land Development Conference

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Texas A&M, USA

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Richmond, British Columbia, Canada

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State Farm Insurance, USA

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