



CABA

Connected Home Council

CABA Connected Home Council (CHC) Meeting Minutes

Monday, February 22, 2021

12 NOON – 1:30 PM (ET) via Webinar

CHC Executive:

CHC Chair, Roy Perry (Alarm.com)

CHC Vice-Chair, Jim Hunter (Delos Living LLC)

CHC Vice-Chair, Byron BeMiller (Semtech Corporation)

CHC Vice-Chair, Charles Hume (Southwire Company, LLC)

Present:

2030 Districts Network, Jiri Skopek

Acuity Brands, Inc., Tucker Boren

Alarm.com, Inc., Roy Perry

ARC Advisory Group, Jim Frazer

Axis Lighting Inc., Jamal Carrington

BC Hydro, Gary Hamer

BC Hydro, Michael Li

Bedrock Learning, Inc., Helen Heneveld

Belimo Americas, Lisa Hickey

Bluesalve Partners, Avi Rosenthal

BROAD U.S.A. Inc, Sunny Wang

CABA, Andrew Glennie

CABA, Conrad McCallum

CABA, Ron Zimmer

CABA, Sashien Godakandae

CEDIA, Walt Zerbe

CMG Consulting LLC, Andres Carvallo

Concordia University, Azeldin Elsayi

CSA Group, Parag Phalak

Delos Living LLC, Jim Hunter

Ecovena, Trevor Boicey

Electro-Federation Canada (EFC), Carol McGlogan

Electro-Federation Canada (EFC), Gurvinder Chopra

Entelechy Automation Pvt Ltd, Bhavesh Doshi

ERG Energy Efficiency, Michael Dabbene

exp. US Services, Inc., Chris Larry

Frost & Sullivan, Maurice Okawaki

Intermatic Inc., Kim Durkot
IQuity Inc., David Emptage
JWR Consulting Services Limited, Joseph Ruddy
Ken Wacks Associates, Ken Wacks
National Electrical Manufacturers Association (NEMA), Bryan Holland
National Research Council Canada (NRC), Brad Kelly
National Research Council Canada (NRC), Heather Knudsen
NEUVATEK Inc., Pierre Touma
Parks Associates, Amanda Kung
Plutinsus, Wolfram Willuhn
PointCentral, Jamey King
PointCentral, Sean Miller
Resideo Technologies, Inc., David Kaufman
Robert H. Lane & Associates Inc., Robert Lane
SaskTel, Randy Palazzo
Shopify, Kristina Moss
Siemens Industry, Inc., Hans-Joachim Langels
SnapAV, Eric Harper
Southwire Company, LLC, Dave Watson
Strategy Analytics, Inc., Bill Ablondi
Sustainable Resources Management Inc., David Katz
Sustainable Resources Management Inc., Robert Hollands
Telnnet Management Consulting, Inc., Fawzi Behmann
ThoughtWire, Ben DeLevi
Thresholds, Erin Elmiger
Turner Construction, Janet McElroy
UL LLC, Adam Lilien
University of Illinois, Benjamin Granados
University of Illinois, Brian Pastor
University of Illinois, Harshal Mahajan
University of Illinois, Thenkurussi Kesavadas
University of Illinois, Wendy Rogers
VTI Services, Murray Teale
W.B.CROSS CO. Limited, David Cross
WSP USA, Yuliy Kleban

CHC Webinar

“McKechnie Family LIFE Home at The University of Illinois Urbana-Champaign” (30 min) - Jim Hunter (Delos Living LLC), Wendy Rogers (University of Illinois Urbana-Champaign), Harshal Mahajan (University of Illinois Urbana-Champaign), Brian Pastor (University of Illinois Urbana-Champaign)



Wendy A. Rogers, Ph. D.
Director
University of Illinois
Urbana-Champaign



Harshal Mahajan, Ph. D.
Assistant Director of Research
University of Illinois
Urbana-Champaign



Brian M. Pastor, MS
Operations Manager
University of Illinois
Urbana-Champaign



Description: The McKechnie Family LIFE Home is a cutting-edge research center focused on innovations in home environments. This facility mimics existing home dwellings as well as provides space for the development of next-generation smart homes that would allow people of all ages and abilities to live fuller, healthier, and autonomous lives. Spaces include a two-bedroom home; an attached garage; multi-purpose research and collaboration rooms; outdoor areas; and capacity for community engagement. Research and development efforts focus on a range of topics related to in-home activities to improve quality of life and independence. [CLICK HERE](#) for more information.

CHC Meeting AGENDA

1. Agenda - Greg Walker (CABA)

Greg Walker (CABA) thanked everyone for attending, outlined the agenda and alerted everyone that the meeting was being recorded and will be made available to the industry.

2. Call to Order, Welcome and Introduction, about the CHC - Roy Perry (Alarm.com)

CHC Chair Roy Perry (Alarm.com) welcomed everyone and introduced: CHC Vice-Chair Jim Hunter (Delos Living LLC), CHC Vice-Chair Byron BeMiller (Semtech Corporation), CHC Vice-Chair Charles Hume (Southwire Company, LLC), CHC White Paper Sub-Committee Chair Ken Wacks (Ken Wacks Associates). Roy Perry (Alarm.com) also outlined the role of the CHC.

3. Administrative - Roy Perry (Alarm.com)

3.1 Motion to approve Past CHC Minutes

Roy Perry (Alarm.com) informed everyone that the meeting minutes from the November 16, 2020 CHC meeting were circulated and were posted on the CABA Web site in the CHC section: [CLICK HERE](#). In addition, the CHC terms of reference, members and recorded presentations are also found [HERE](#).

Motion to approve the November 16, 2020 CHC minutes was moved by Maurice Okawaki (Frost & Sullivan) and the motion was seconded by David Katz (Sustainable Resources Management Inc.). Unopposed motion carried.

3.2 CHC Steering Committee Update

Roy Perry (Alarm.com) informed everyone that the new CHC Steering Committee will be formed shortly. This Steering Committee will be made up of approximately 10 individuals selected by the CHC Executive Committee. This Steering Committee will be led and organized by the CHC Chair (not CABA Staff) and will have quarterly meetings. The Steering Committee will select topics and speakers for all CHC webinars and work with the speakers to select a date/time for the webinar. These webinars would take place immediately before each of the quarterly CHC meetings.

4. Research Update - Greg Walker (CABA)

“Privacy and Cybersecurity in the Connected Home” 2020 CHC Landmark Research - Greg Walker (CABA)



**Privacy and Cybersecurity
in the Connected Home**
LANDMARK RESEARCH PROJECT



Greg Walker (CABA) gave a brief overview of how the CABA Board selected the 2020 CHC Landmark Research Project, "Privacy and Cybersecurity in the Connected Home". Only the funders will receive the full \$130,000 of research but the Executive Summary of the research will be available to CABA Members shortly at www.caba.org/store. To purchase this research please contact Greg Walker (CABA) at walker@caba.org. The final webinar for the funders is March 16, 2021, after which the Executive Summary will be made available to all CABA members. Greg Walker indicated that the CABA Board was in the process of selecting the title for the next CABA Landmark Research Project and it would be arranged shortly.

Nine (9) CABA members have already joined this research project:



5. White Paper Sub-Committee Update - Ken Wacks (Ken Wacks Associates)

An overview was given of the CHC White Paper review process, completed CHC White Papers and papers in progress. CHC White Papers are secondary literature review articles that are approximately 10-20 pages in length. These papers are written and distributed free of charge to inform the industry. For the papers to be approved by the CHC White Paper Sub-Committee (WPSC), they must have significant technical material of relevance to CHC members - they must not contain marketing material or promote an agenda. Any CABA member can and is encouraged complete the new one (1) page White Paper proposal template and submit it to walker@caba.org.

If needed, CABA will secure a writer and/or a Working Group for the paper. If a CABA Member brings forward a proposal, but is not able to find an author for the paper, the Member will need to send CABA \$500 USD. CABA will attempt to locate an author from one of many research firms. The \$500 will be given to the author(s) as an honorarium for their work in writing the paper. If an author cannot be found, the \$500 will be returned to the Member.

All completed and approved CABA White Papers are placed in the CABA Public Library, Members Library, CABA NewsBrief, CABA Twitter Feed, CABA

LinkedIn Group and promoted at industry events. To view the CHC White Paper terms of reference, previous CHC White Papers and additional information, please go to: www.caba.org/chc. All completed CABA White Papers, and those under development, can be found at: www.caba.org/whitepapers.

If you or someone that you know would like to join one (1) or more of the following White Paper Working Groups or recommend a new White Paper, please contact Greg Walker (CABA) at walker@caba.org.

CHC White Paper Sub-Committee (WPSC)

- Ken Wacks Associates, Kenneth Wacks
- Frost & Sullivan, Konkana Khaund
- LumenCache, Inc., Derek Cowburn
- National Research Council Canada (NRC), Heather Knudsen

5.1 Recently Completed: None

5.2 In Progress:

“Part 2: Power over Ethernet (PoE) & Digital Electricity (DE) in Commercial and Multiple Dwelling Residential Buildings”

Ken Wacks (Ken Wacks Associates) gave an overview of this paper and outlined the Working Group:

- Sinclair Digital Holdings (Chair)
- Axis Lighting
- Contemporary Controls Systems, Inc.
- Energy Metrics LLC
- Ken Wacks Associates
- LumenCache, Inc.
- National Electrical Manufacturers Association (NEMA)
- National Research Council Canada (NRC)
- Public Services and Procurement Canada
- Renesas Electronics America Inc.
- Somfy Systems, Inc.
- Southwire Company, LLC
- Telecommunications Industry Association (TIA)
- UL LLC

“Human Centric Lighting: Non-Energy Benefits of Lighting and its Smart Controls”

Ken Wacks (Ken Wacks Associates) gave an overview of this paper and the organizations already committed to this Working Group.

- Legrand (Chair)
- ArcoLogix LLC
- exp. US Services, Inc.
- Human Centric Lighting Society
- Ken Wacks Associates
- Mecho
- SnapAV
- Syska Hennessy
- UL LLC

“Connected Home Cybersecurity Regulations”

Ken Wacks (Ken Wacks Associates) gave an overview of this paper and the organizations within the Working Group

- P.A.ID Strategies (Chair)
- AgeLight LLC
- BC Hydro
- exp. US Services, Inc.
- LonMark International
- Mission Critical Global Alliance (MCGA)
- National Research Council Canada (NRC)
- Smart Buildings SuperCluster (SBSC)
- Sustainable Resources Management Inc.
- TwelveDot Inc.
- UL LLC

“Part 2: The Evolution of Integrating LiFi Technology into Smart Lighting and Control Systems for the Intelligent Building”

Ken Wacks (Ken Wacks Associates) gave an overview of this paper and those in the Working Group.

- Wharton County Junior College (Chair)
- Acuity Brands, Inc.
- ArcoLogix LLC
- Ken Wacks Associates
- National Electrical Manufacturers Association
- PureLiFi
- SnapAV
- Telecommunications Industry Association (TIA)

6. New Business – Roy Perry (Alarm.com)

6.1 Other new CHC business

Roy Perry (Alarm.com) made a call for new business such as: future CHC Guest/Keynote presentation topics and speakers, new CHC White Papers, new research projects and meeting ideas, etc. He also indicated that the next CHC meeting will be held May or June, 2021 with details to be forwarded soon.

David Katz (Sustainable Resources Management Inc.) talked about a study on the building envelope and he wanted to make it a white paper or a future CHC webinar.

Ron Zimmer (CABA) highlighted two (2) new initiatives that the CABA Board recently approved. The first is the new CABA Referral Program that will pay a 10 percent referral fee for any new CABA member (\$100 - \$1,600 USD referral fee). This will be paid in the form of an Amazon gift card or a discount on CABA membership. The second new initiative is the CABA Renewal Program where members will receive a 5 percent discount on their membership if they commit to two (2) years and a 10 percent discount if they commit to three (3) years.

7. Adjournment (1:30 PM ET) - Roy Perry (Alarm.com)

[Next CHC Meeting will be May or June 2021 and the exact date will be announced shortly.](#)

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CABA CHC meetings are open to CABA Members and invited guests, and everyone is encouraged to participate. [CLICK HERE](#) for more info on the CHC, past minutes, participants, and terms of reference. Any CABA Member that attended as a guest will be added to the CHC unless they notify the CABA office by March 26, 2021 that their name should not be added. Non-CABA members that attended this meeting as a guest, should contact Greg Walker, CABA Research Director, to indicate if they wish to join the CHC or CABA. [CLICK HERE](#) for more information on the 24 CABA Benefits.

Regards,

Greg Walker
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Continental Automated Buildings Association (CABA)
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