



**CABA Connected Home Council (CHC)**  
**Draft Meeting Minutes**  
Thursday, July 8, 2021  
12 NOON – 1:30 PM (ET) via Webinar

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**CHC Executive:**

CHC Chair, Eric Harper (Snap One)  
CHC Vice-Chair, Jim Hunter (Delos Living LLC)  
CHC Vice-Chair, Byron BeMiller (Semtech Corporation)  
CHC Vice-Chair, Charles Hume (Southwire Company, LLC)

**Present:**

21st Century Telecom, Inc., William Branham  
Ai-tronics Systems, Sheldon Gabriel  
AKM Semiconductor, Inc., Carl Bengtsson  
Arrow, Shelby Schnurrenberger  
BC Hydro, Tim Mosley  
Belimo Americas, Aaron Nobel  
Brainwave Research Corp., Rene Pardo  
CABA, Andrew Glennie  
CABA, Greg Walker  
CABA, Marta Klopotoska  
CABA, Sashien Godakandae  
Cardinal Peak, Patrick French  
Connectivity Standards Alliance (CSA), Christopher LaPré  
Connectivity Standards Alliance (CSA), Michelle Mindala-Freemam  
Consortium for Energy Efficiency CEE, Alice Rosenberg  
Consortium for Energy Efficiency CEE, Patrick Casper  
CornerSource, LLC, Lawrence Shields  
Dokuz Eylül University, Selin Biçer  
EMBARC.biz LLC, James Leveille  
Frost & Sullivan, Maurice Okawaki  
Gartner Inc., Jon Erensen  
Honeywell International Inc., Sathish Nanjappa  
Horizon Technologies Inc., Ludo Bertsch  
ICF Consulting, Steve Leybourn  
IMI Hydronic Engineering International SA, Bhumika Lathia  
Jasco Products Company, Becky Black  
Ken Wacks Associates, Ken Wacks

Kimberly-Clark Professional, Corey Harris  
Kimberly-Clark Professional, Jon Boulos  
KNX Association, Casto Canavate  
KNX Association, Daniel Lee  
KNX Association, Franz Kammerl  
KNX Association, Joost Demarest  
Lawrence Berkeley National Laboratory (LBNL), Leo Rainer  
Leedarson Group, G Martinez  
MOEN Inc., Jerry Fairborn  
National Electrical Manufacturers Association (NEMA), Bryan Holland  
National Research Council Canada (NRC), George Xiao  
Phoenix Energy Technologies, Ron Rau  
Schneider Electric, Makarand Joshi  
Semtech Corporation, Byron BeMiller  
Sentinel Connector Systems Inc., Dave Jeskey  
Siemens Industry, Inc., William Vargo  
Somfy Systems, Inc., David Parrett  
Southwire Company, LLC, Charles Hume  
Stratosfy, Hugo Da silva  
Sustainable Resources Management Inc., David Katz  
Techmenity, Danny Grossarth  
ThoughtWire, Ben DeLevi  
UL LLC, Dustin Steward  
UL LLC, Yuwen Huang  
Vaisala Inc., Justin Walsh

## **CHC Webinar**

**“The Connectivity Standards Alliance Unveils Matter, Formerly Known as Project CHIP” (30 min)** – Michelle Mindala-Freeman (Connectivity Standards Alliance)



Michelle Mindala-Freeman  
Head of Marketing  
Connectivity Standards Alliance

Description: Matter is the foundation for connected things. This industry unifying standard is a promise of reliable, secure connectivity—a seal of approval that devices will work seamlessly together, today and tomorrow. Matter is creating more connections between more objects, simplifying development for

manufacturers, and increasing compatibility for consumers. This collaborative breakthrough is built on proven technologies and guided by the Connectivity Standards Alliance (formerly Zigbee Alliance), whose members come together from across industries to transform the future of connectivity. [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** - Byron BeMiller (Semtech Corporation)

CHC Vice-Chair Byron BeMiller (Semtech Corporation) informed the CHC that that CHC Chair Eric Harper (Snap One) was unable to attend the meeting and he would be stepping in as the acting Chair for this meeting. Byron welcomed everyone and introduced: CHC Vice-Chair Charles Hume (Southwire Company, LLC), CHC White Paper Sub-Committee Chair Ken Wacks (Ken Wacks Associates), and Michelle Mindala-Freeman (Connectivity Standards Alliance). Byron also outlined the role of the CHC.

### **3. Administrative** - Byron BeMiller (Semtech Corporation)

#### **3.1 Motion to approve Past CHC Minutes**

Byron BeMiller (Semtech Corporation) informed everyone that the meeting minutes from the February 22, 2021 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 February 22, 2021, CHC minutes was moved by Maurice Okawaki (Frost & Sullivan) and the motion was seconded by David Katz (Sustainable Resources Management Inc.). Unopposed motion carried.

### **4. Research Update** - Charles Hume (Southwire Company, LLC)

**“The Connected Home and AI” 2021 CHC Landmark Research** - Charles Hume (Southwire Company, LLC)

**CABA**  
**The Connected Home  
and AI**  
LANDMARK RESEARCH PROJECT



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Logic

Carrier

Rheem

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Charles Hume (Southwire Company, LLC) gave a brief overview of how the CABA Board selected the 2021 CHC Landmark Research Project, "The Connected Home and AI". Only the funders will receive the full \$60,000 of research but the Executive Summary of the research will be available to CABA Members. Charles mentioned that the CHC is actively seeking funders for this research and outlined the funding levels (starting at \$5,000).

Four (4) CABA members have already joined this research project:

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**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](mailto: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](http://www.caba.org/chc). All completed CABA White Papers, and those under development, can be found at: [www.caba.org/whitepapers](http://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](mailto: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** – Byron BeMiller (Semtech Corporation)

**6.1 Other new CHC business**

Byron BeMiller (Semtech Corporation) 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 late September or early October 2021 with details to be forwarded soon.

David Katz (Sustainable Resources Management Inc.) mentioned his colleague Michael Petgrave (CleanAir.ai) may be interested in giving a presentation to the CHC on a new smart air filter.

**7. Adjournment** (1:30 PM ET) - Byron BeMiller (Semtech Corporation)

[Next CHC Meeting will be Late September or Early October 2021, 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 August 23, 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  
 Senior Director, Research Operations  
 Continental Automated Buildings Association (CABA)  
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