

**CABLE Big Idea Workshop***Hosted by the DOE/EERE Advanced Manufacturing Office (AMO)*

April 7-9, 2021

**RECAP**

DAY 3: April 9	
Time	Activity
11:30 AM – 11:40 AM	3.1 Welcome from CABLE Big Idea Team Lead and Highlights from Day 2
11:40 AM – 2:00 PM	3.2 Supply Chain, Available Technical Resources, and Patenting Panels – Moderator: Hal Stillman, Independent Consultant
11:40 AM – 12:30 PM	3.2.1 Supply Chain <ul style="list-style-type: none"> <li>• <a href="#">Richard Collins, IDTechEx, “Nanocarbons: Supply Chain Analysis and Market Outlook”</a></li> <li>• <a href="#">Joseph Saleh, Fisk Alloy Wire, “Perspective on High Conductivity Copper Conductors”</a></li> <li>• <a href="#">Srini Siripurapu, Prysmian Group, “Cable Manufacturer Perspective”</a></li> <li>• <a href="#">Terrance Barkan, The Graphene Council, “The Graphene Council Overview”</a></li> </ul>
12:30 PM – 1:30 PM	3.2.2 Available Technical Resources <ul style="list-style-type: none"> <li>• <a href="#">Pacific Northwest National Laboratory: ShAPE, conductivity measurement (Keerti Kappagantula)</a></li> <li>• <a href="#">National Energy Technology Laboratory: Melt Processing of Covetic Materials (Paul Jablonski)</a></li> <li>• <a href="#">Argonne National Laboratory: Advanced Photon Source (Ben Gould)</a></li> <li>• <a href="#">Argonne National Laboratory: Chemical Vapor Processing (Jeff Elam)</a></li> <li>• <a href="#">Oak Ridge National Laboratory: Manufacturing Demonstration Facility, Metal Additive Manufacturing Capabilities (Michael Kirka)</a></li> <li>• <a href="#">Oak Ridge National Laboratory: Manufacturing Demonstration Facility, Non-metallic Capabilities (M. Parans Paranthaman)</a></li> </ul>
1:30 PM – 2:00 PM	3.2.3 Patenting <ul style="list-style-type: none"> <li>• <a href="#">Hal Stillman, Independent Consultant, “Global Overview of Patents Related to Conductivity-enhanced Materials”</a></li> <li>• <a href="#">Glen Drysdale, DOE Office of General Counsel, “Patenting Requirements for U.S. Government Funded R&amp;D”</a></li> </ul>
2:00 PM – 2:30 PM	Break
2:30 PM – 3:30 PM	3.3 Priority Research Directions Summary (from Facilitated Sessions) and Comments
3:30 PM – 4:00 PM	3.4 Conclusions and Next Steps