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14. ABSTRACT
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15. SUBJECT TERMS
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**RPPR Final Report**  
as of 24-Aug-2022

Agency Code: 21XD

Proposal Number: 77067ELCF

**Agreement Number: W911NF-21-1-0252**

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**Report Date:** 09-Aug-2022

Date Received: 22-Aug-2022

**Final Report** for Period Beginning 10-May-2021 and Ending 09-May-2022

**Title:** Support for the Low Energy Electrodynamics in Solids Conference 2020

**Begin Performance Period:** 10-May-2021

**End Performance Period:** 09-May-2022

**Report Term:** 0-Other

Submitted By: Kenneth Burch

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**Distribution Statement:** 1-Approved for public release; distribution is unlimited.

**STEM Degrees:** 0

**STEM Participants:** 100

**Major Goals:** The project was aimed at supporting the LEES 2021 conference to provide a forum for the exchange of ideas, novel concepts, and unpublished results in interdisciplinary research on low-energy electrodynamics in solids and in exotic condensed phases. Experts in a wide range of theoretical and experimental techniques focused on the electrodynamics of quantum materials will join with up-and-coming junior researchers.

**Accomplishments:** The LEES conference was successfully held in the summer of 2021. It had over 400 participants, with ~ 25% being graduate students and another 20% being postdocs. In addition participants and speakers were involved from Europe, the US, Canada, South America and Asia. There were 54 talks and over 40 poster presentations. Cutting-edge results from a wide array of spectroscopic techniques and quantum materials were presented.

**Training Opportunities:** The conference offered numerous opportunities for junior personnel (graduate students and postdocs) to present their work and network with science leaders in their fields. The conference was also free, enabling a broader array of junior participants.

**Results Dissemination:** Nothing to Report

**Honors and Awards:** Nothing to Report

**Protocol Activity Status:**

**Technology Transfer:** Nothing to Report

**PARTICIPANTS:**

**Participant Type:** PD/PI

**Participant:** Kenneth Stephen Burch

**Person Months Worked:** 1.00

Project Contribution:

National Academy Member: N

**Funding Support:**

**RPPR Final Report**  
as of 24-Aug-2022

**Partners**

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I certify that the information in the report is complete and accurate:

Signature: Kenneth Stephen Burch

Signature Date: 8/22/22 5:35PM





