

**Advances in Click Chemistry:
New Centroid Elements and *Unexpected* New Functions.**

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Abstract:

The majority of click chemistry's modular build of new small molecule structures, aims at intersecting with unmet biological functions. Of course there have been many other areas involving new or improved functional goals across the broad fields applied chemistry. However, Peng Wu's and my group at Scripps, have with our collaborators at the Molecular Foundry at Berkeley, Yi Liu and his coworker He Li, have run into a surprising intersection with a serious problem plaguing the large and growing field of electric transmission. Some of our initial promising results will be described.

Another topic discussed will be the every expanding area involving sulfur and flanking elements in the main group which also serve to support facile and very useful "SuFEx-like" condensations
And so exchanging fluorides and attaching other heteroatom connectors to the 'central main group element hubs involved.

More information on <https://www.scripps.edu/sharpless/>