

**NCCAVS**  
**PAG USER GROUP**  
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**Topic:** Plasma Applications for the Development, Modification and Implementation of Carbon Allotropes

**Meeting Date:** April 27, 2022

**Time:** 9:00 a.m.-12:30 p.m. PDT ([Check Your Time Zone](#))

**Location:** Zoom Webinar

**Co-Chairs:** David Foote, Plasma Shark Consulting, [footedk@yahoo.com](mailto:footedk@yahoo.com)  
Dr. Daphne Pappas, Plasmatreat USA, Inc., [daphne.pappas@plasmatreat.com](mailto:daphne.pappas@plasmatreat.com)

**AGENDA**

**9:00 am** Welcome by Co-Chairs

**9:10 am** Dr. Sylvain Coulombe, McGill University, *Plasma-functionalization of MWCNTs for energy storage, conversion and transport*

**9:50 am** Dr. Mohan Sankaran, University of Illinois, Urbana-Champaign, *New opportunities for plasma-based approaches to diamond synthesis*

**10:30 am** Dr. Ruairi McGlynn, Ulster University, *Approaches for the modification of macroscopic carbon nanotube assemblies with atmospheric-pressure plasma*

**11:10 am** Lonnie Wilson, GraphAudio, *Graphene Transducer Manufacturing*

**11:50 am** Dr. Scott Walton, US Naval Research Laboratory, *Electron beam generated plasma as an ultra-low  $T_e$  approach to processing Graphene*

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