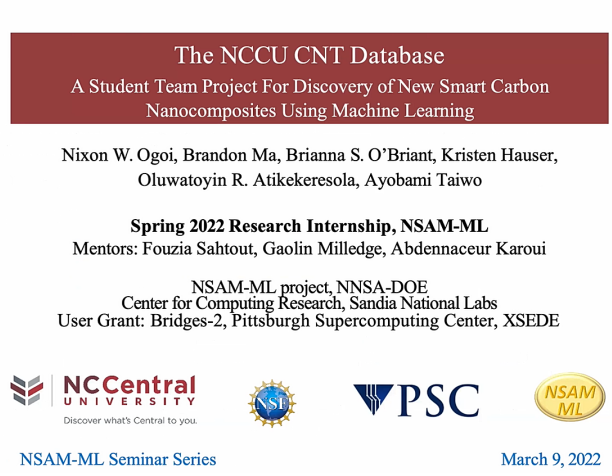
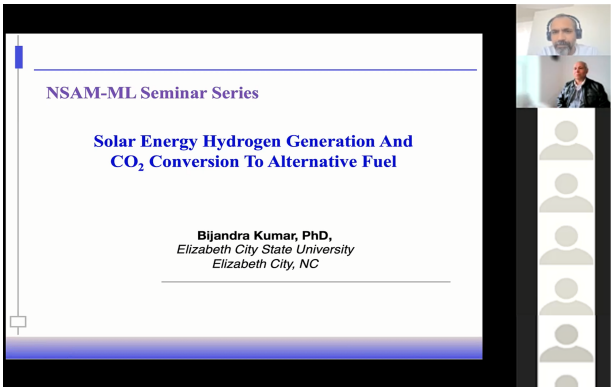
# Dissemination of Research Outcomes

The NSAM-ML Seminar Series is a weekly event where students and scientists from the consortium present their research outcomes, and scientists from NNSA Labs present their capabilities, current joint-project, student opportunities, and research proposals. Scientists, students, and partners from NNSA Labs discuss their research results and cooperation, as well as student opportunities in NNSA laboratories. Some of the given talks are highlighted.

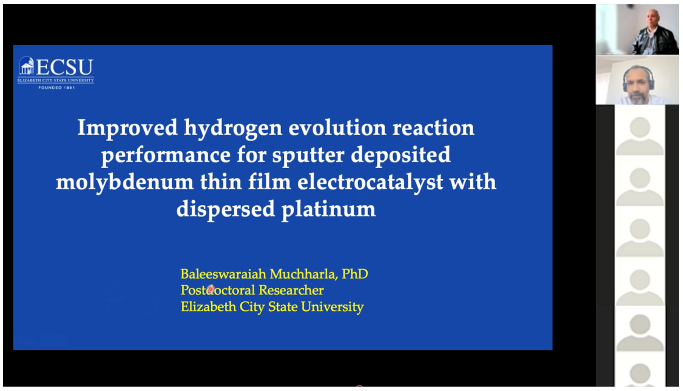

Dr Akram (NSAM-ML post doctoral Scientist at NCCU). Dr Akram work is part of the advanced manufacturing of smart materials for nanosensors.



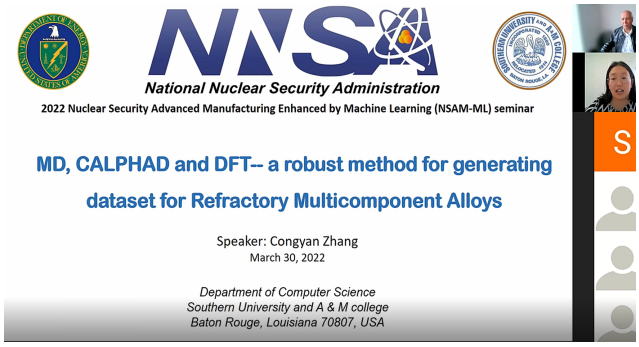

Dr Karoui's students, NSAM-ML scholars presented their project on the development of the NCCU CNT database, which won the Best Paper prize at the Graduate and Undergraduate Research Symposium `2022.

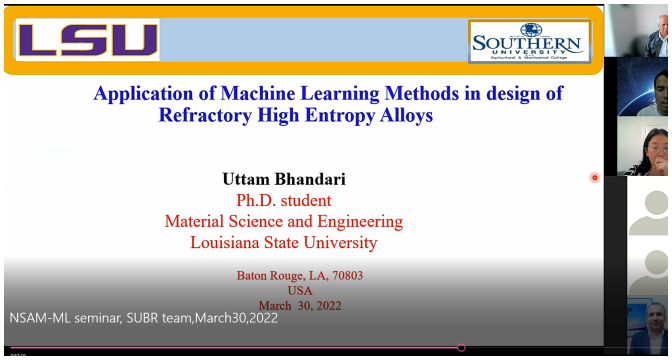



Dr Kumar, ECSU, presenting about his NSAM-ML electrochemistry research and education program focusing on hydrogen generation and CO2 conversion using solar energy.

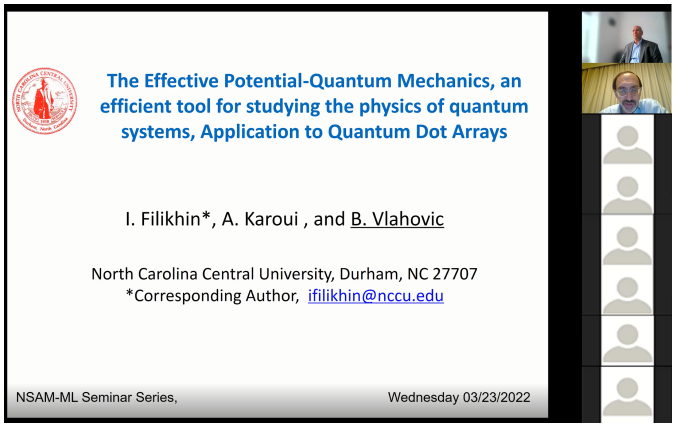


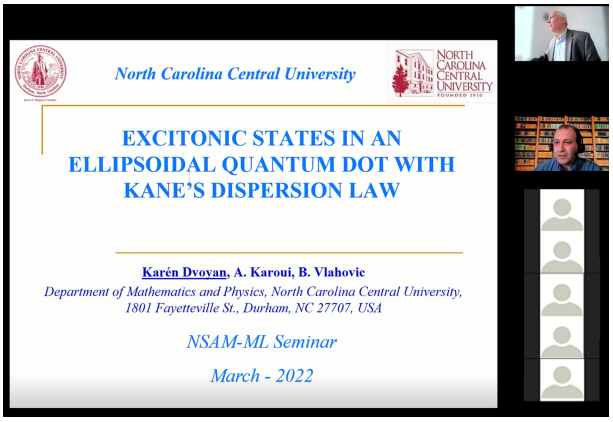

Dr Baleeswaraiah, post-doctoral scientist in Dr Kumar's group, ECSU, presenting about high performance photocatalysts for solar hydrogen generation.



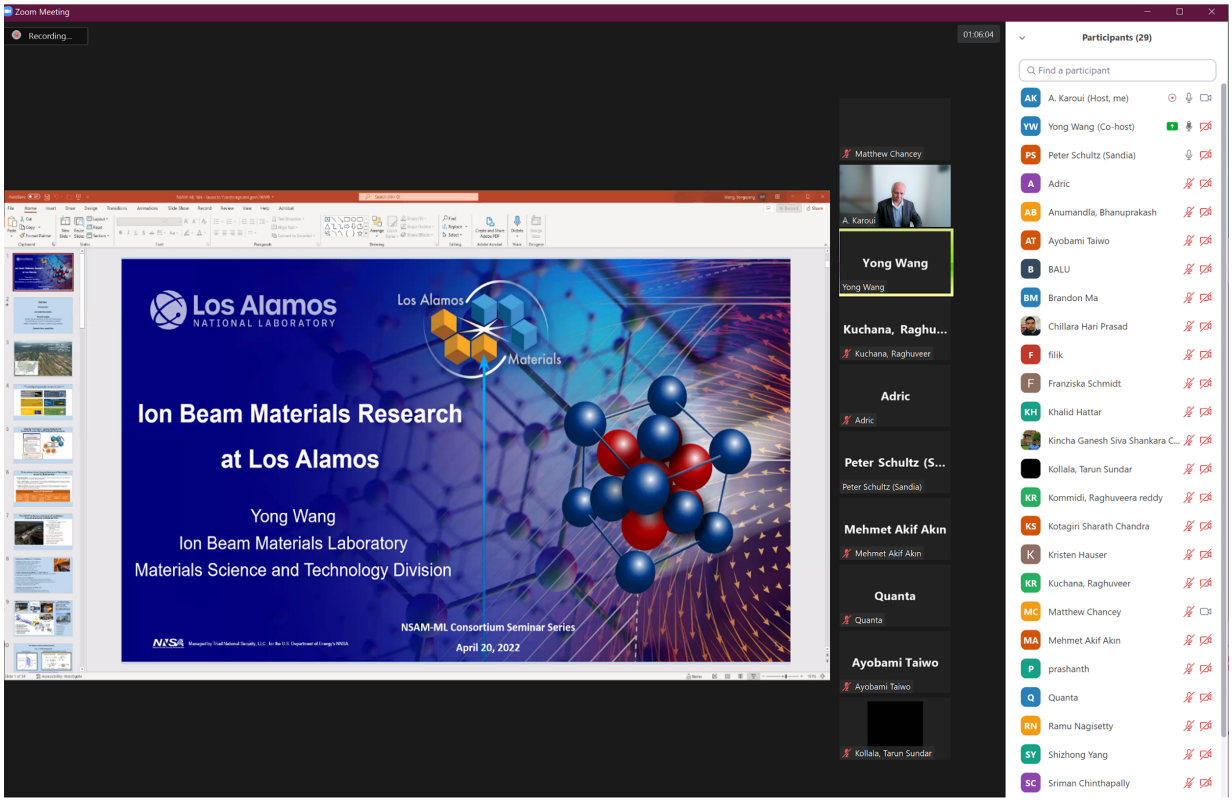




Dr Zhang (post-doctoral scientist, NSAM-ML, U. Bahandri, Ph.D. candidate, SUBR/LSU SUBR)

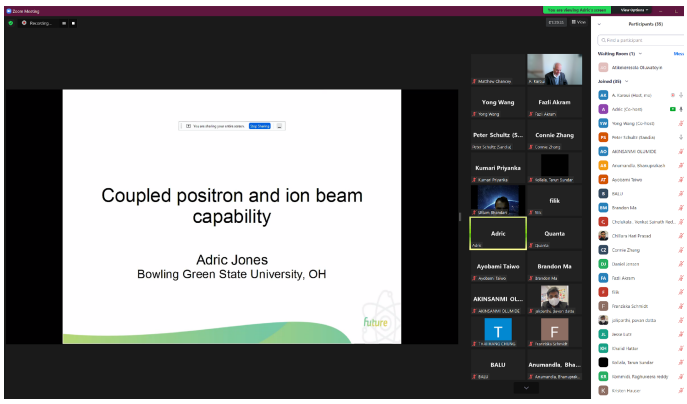



Dr B. Vlahovic, presenting theoretical work carried out for the NSAM-ML for understanding quantum dots and systems of quantum dots. Such preparatory work is essential for manufacturing quantum devices.

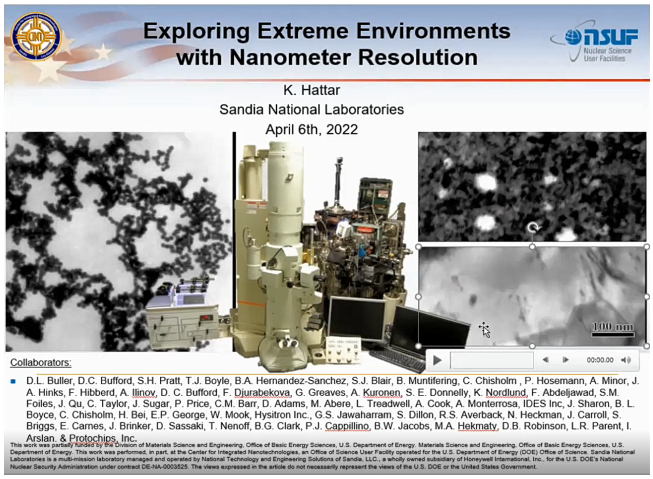



Dr Yong Wang, Director of the Ion Beam Materials Laboratory at LANL. Dr Wang will host NSAM Scholars for interns during summer 2022, and a graduate student from SUBR will spend four-months in Dr Wang's Lab for his Ph.D. research project.

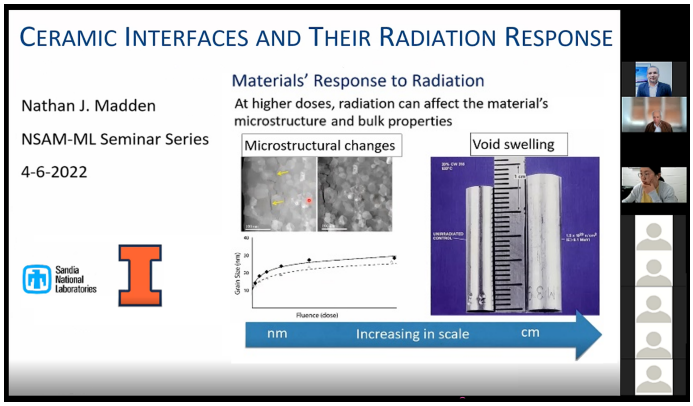



Dr Adric Jones, Dr Wang's group, IBML, LANL


Franziska Schmidt, Ph.D. candidate at the U of Berkeley, and visiting Dr Wang's lab, IBML, LANL.




Dr K. Hattar, Senior Scientist CINT, SNL. Dr Khaled and his postdoc Dr. Madden cooperate with Dr Karoui on modification of nanomaterials in-situ of HR-TEM. Materials of interest to Dr Karoui and the NSAM-ML consortium include: HEA, piezoelectric ceramics, and photocatalysts.




Dr J. Madden, post-doctoral Scientist, CINT, SNL. Dr Madden is specialist in electron microscopy