

Walker Institute of International and Area Studies presents

PALMETTO FORUM

Dr. Marcel Schäfer with Raphael Antonius Frick

“Revealing the Worldwide Impact of Deep Fakes and AI”

With a Live Demonstration Showcasing a Deep Fake

WEDNESDAY

March

13

12:00 p.m. - 1:00 p.m.

The Palmetto Club

1231 Sumter St. Columbia, SC 29201



Dr. Marcel Schäfer, Senior Research Scientist for the South Carolina Fraunhofer USA Alliance, brings a wealth of experience from his tenure at the Fraunhofer Institute for Secure Information Technologies (SIT) in Germany. With a master's degree in mathematics from the University of Wuppertal and a PhD in computer science from the Technical University of Darmstadt, Dr. Schäfer has led numerous projects in cybersecurity and software engineering across the public and private sectors. Since March 2021, he has served as the Senior Program Coordinator for Fraunhofer USA Alliance, overseeing a range of technical projects including smart manufacturing, IoT, Industry 4.0, digitization, predictive maintenance, predictive analytics, and other data-driven and machine-learning-based technologies. From his office in Greenville, Dr. Schäfer looks to expand the Fraunhofer brand throughout South Carolina and the southeast region. His goal is to institutionalize Fraunhofer USA as an established organization in South Carolina and to bring the newest technology "made by Fraunhofer" from the global Fraunhofer network into the South.

Raphael Antonius Frick is a research fellow at Fraunhofer SIT | ATHENE in Darmstadt, specializing in the division of "Media Security & IT-Forensics." He focuses on developing new detection methods for AI-generated and manipulated audiovisual data, along with techniques for identifying disinformation in social media that span multiple modalities.