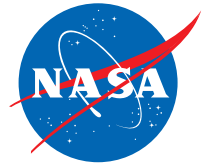


Highlight: SAMPE 2022, Charlotte NC, May 23-26



Society of Advanced Materials and Process Engineering (SAMPE)

- North America's premier advanced materials and process engineering conference and exhibition tradeshow



HiCAM

1ST PLACE OUTSTANDING TECHNICAL PAPER



WEDNESDAY, MAY 25
3:30 PM– 3:55 PM
ROOM W207A

**IN-SITU CONSOLIDATION
AUTOMATED FIBER PLACEMENT
OF THERMOPLASTIC
COMPOSITES FOR HIGH-RATE
AIRCRAFT MANUFACTURING**

BRIAN GRIMSLEY
SENIOR COMPOSITES RESEARCHER
NASA LANGLEY RESEARCH CENTER

 Conference & Exhibition | Charlotte, North Carolina
May 23-26, 2022 | sampeamerica.org/technical-papers

2ND PLACE OUTSTANDING TECHNICAL PAPER



TUESDAY, MAY 24
4:30 PM–4:55 PM
ROOM W207A

**SURFACE TREATMENT
TECHNIQUES FOR
COMPOSITE-TO-TITANIUM
HYBRID BONDING**

XIAOMEI FANG
TECH FELLOW
PRATT & WHITNEY

 Conference & Exhibition | Charlotte, North Carolina
May 23-26, 2022 | sampeamerica.org/technical-papers

ACP,
HiCAM
partner

3RD PLACE OUTSTANDING TECHNICAL PAPER



WEDNESDAY, MAY 25
10:00 AM–10:25 AM
ROOM W207A

**EFFECTS OF LAYUP
SEQUENCE ON
THERMOPLASTIC RESISTANCE
WELD FATIGUE PERFORMANCE**

WARUNA SENEVIRATNE
DIRECTOR NIAR ATLAS
NIAR/WSU

 Conference & Exhibition | Charlotte, North Carolina
May 23-26, 2022 | sampeamerica.org/technical-papers

AFRL
project,
HiCAM
partner

- HiCAM PM on panel, “Federal Agencies Perspectives on Composites Materials and Manufacturing”, with Navy, DoE, NIST and NSF