

Look back on my experience at TAMU



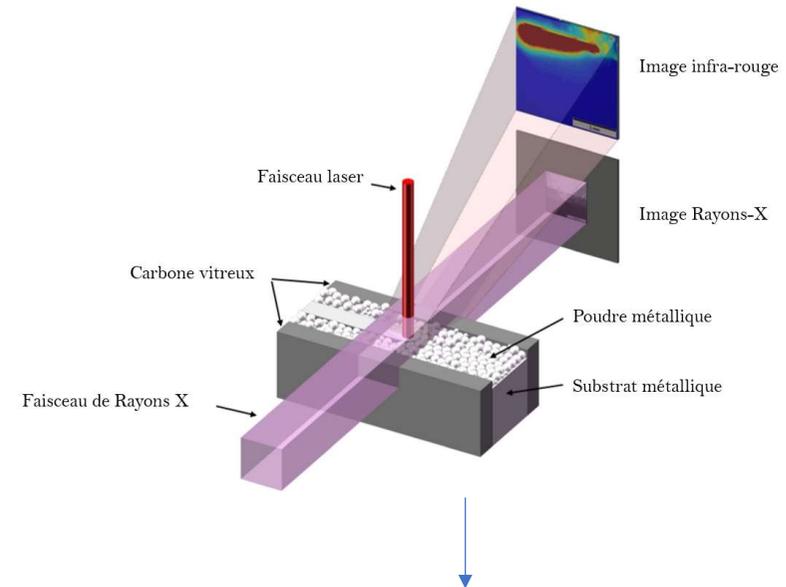
Background & Host Team

- ❑ Dimitris Lagoudas (Aerospace Department) joined the team.
- ❑ Research theme of the team: micromechanics, shape memory materials, meta-structures, adaptive structures.
- ❑ Collaborations : U.S Navy, Air Force, Intel, Tesla, NASA.
- ❑ Joint thesis (Ijaz Akbar) on 4D printing of shape memory polymers (start: 01/10/2020).
- ❑ Integration in weekly team meetings: progress of each student (Thesis + Master)



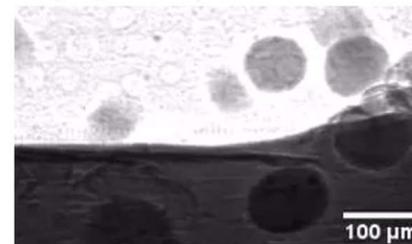
scientific activities

□ Monitoring the DED process (Docteur Wolf)

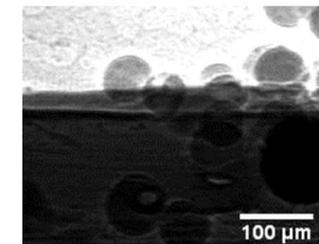


- Understanding the formation of the melt
- Formation of porosities
- Defect prediction

Les particules impactent le bain de fusion
(énergie : 4×10^{-4} J)



Les particules brisent la barrière
surfactive (énergie : 4×10^{-8} J)



TARC Conference: Possible new collaborations.

WORKING TOGETHER FOR TEXAS & BEYOND

TEES | Texas A&M Engineering Experiment Station

2022 TEES ANNUAL RESEARCH CONFERENCE

JUNE 8-9, 2022

HOSTED BY TEXAS A&M UNIVERSITY, COLLEGE STATION, TEXAS

CONFERENCE SCHEDULE

WEDNESDAY, JUNE 8, 2022 | RELLIS Academic Alliance Building

3:30 p.m. - 4:30 p.m. TEES Regional Division Heads Meeting, Room 118

4:30 p.m. - 5:30 p.m. Optional Driving Tour, RELLIS Campus

6 p.m. - 7:30 p.m. Reception, RELLIS Academic Alliance Building Atrium

Welcoming remarks and entertainment featuring the Texas A&M University Yell Leaders and the Scott Kunkel Quartet

THURSDAY, JUNE 9, 2022 | Texas A&M Hotel and Conference Center

7:30 a.m. - 8:30 a.m. Networking with Full Breakfast, Century Ballroom

8:30 a.m. - 8:45 a.m. Welcome/Open Plenary with Invited Speakers, Century Ballroom

8:45 a.m. - 9 a.m. **Dr. Mourad El Hadrouz, Ecole Nationale Supérieure d'Arts et Métiers (ENSAM)**

9 a.m. - 10:15 a.m. Plenary Panel Discussion: NSF Engines Funding Opportunities
Moderator: Dr. Prabhakar Pagilla

10:15 a.m. - 10:30 a.m. Networking Break

10:30 a.m. - 11 a.m. Hanover Webinar Session: Funder Profiles, Century Ballroom
Erin Bangsbohl, Senior Content Director, Grants + Dr. Andy Lawley
Laura Bolling, Principal Director, Client Solutions

11 a.m. - 12:15 p.m. Thematic Work Group Sessions
Sessions focus on forming collaborative teams that meet the criteria to receive incentive funds to position projects for extramural funding in the coming year.

Thematic Session Room Assignments (all rooms on the 2nd floor)

- Cybersecurity — Oak
- Energy Systems and Services — Hullabaloo
- Healthcare — Laurel
- Information Systems and Services — Reveille I
- Infrastructure — Eagle
- Manufacturing and Materials — Reveille II**

12:15 p.m. - 12:30 p.m. Pick Up Lunches in the 2nd Floor Hallway

12:30 p.m. - 3 p.m. Working Lunch in Breakout Rooms

3 p.m. - 3:15 p.m. Networking Break, Century Ballroom Reception Area

3:15 p.m. - 5 p.m. "New Ventures-Style" Pitches for Newly Formed Collaborations
Door Prizes
Announcement of Award Winners

5 p.m. Adjourn

Summary and prospects

- Discovery of the US education and research system;
- Continuation and extension of MSMP - TEES collaboration

- AM² partnership:

Need to take initiatives and be consistent

Identify actors (cf workshop organised in October 2021)

One of the keystones: {project + student exchange}

Can give even more visibility to our activities and help to obtain funding

Possible acceleration thanks to the UMI structure



Thanks.