

ADAPT Monthly Members Meeting 08 May 9, 2019

Attendees:

Member Companies

Jacob Nuechterlein, Elementum 3D
Karen Buechler – ALD Nanosolutions
Stacy Bibk – 3D Printing Store
Dave French – Ball Aerospace
Dustin Crouse– 3D Printing Solutions

Mines

Aaron Stebner
Craig Brice
Anna DeGraaf
Thomas Gallmeyer
Nathan Johnson
Brendan Kappes
Dinesh Mehta
Ryan Collette
Lyu Jian Lu

Welcome/Introductions

Announcements/ Summer Member Meeting Schedule

- June Member Meeting – June 12th - 1:30-3:30 – 3D Systems Site Visit and Tour
- July Member Meeting – July 10th – 1:30-3:30 – Elementum 3D Tour and July Summer Social
- August – No Member Meeting – ADAPT Optimizing Additive Workshop (August 26th – 27th) Registration will soon open for this two-day workshop focusing on brainstorming and collective discussions with academic and industry experts in additive manufacturing. More details will be coming out in the ADAPT newsletter.
- Elementum 3D has moved into their new studio and would like to welcome ADAPT members to their facility for a tour and hosting the July Summer Social.
- Dr. Anthony Petrella is hosting the DAM Workshop 2019 at Colorado School of Mines July 15 – 19th, this workshop will be a hands-on experience in Designs for Additive Manufacturing (DAM). If any ADAPT Members are interested in attending please email annadegraaf@mines.edu.

Presentations – Report of completed, ongoing and future projects within the ADAPT

1. Optimizing Heat Treatments of Inconel 15 - Thomas Gallmeyer - PhD Candidate
 2. Effects of Defects and the Steps to improve non-destructive evaluation of additively manufactured parts and materials – Dr. Brendan Kappes – ADAPT Director of Operations
 3. Characterizing Wire Feed Directed Energy Deposition – Nathan Johnson- PhD Candidate
 4. A Statistical Framework to Qualify the Low Cycle Fatigue Performance of Additively Manufactured Steel Replacement Parts – Dr. Aaron Stebner – Executive Director ADAPT
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Next Members Meeting

Site Visit to 3D Systems- Healthcare Location

5381 S. Alkire St. Littleton, CO 80127

1:30-3:30PM

Agenda: Tour of 3D Systems facility