



	CANFSA Spring 2025 Meeting <u>Monday, April 21, 2025 - Arrival and Dinner</u>
18:00	<i>Social – Miner’s Saloon, 1109 Miners Alley, Golden, CO 80401</i>
	<u>Tuesday, April 22, 2025</u> <i>Meeting Location: Friedhoff Hall II, III in the Green Center on the Mines campus</i> Zoom Link: https://mines.zoom.us/j/9404679955
8:00	Breakfast - (Coffee/Pastries)
8:30	CANFSA Directors – Introductions and Agenda Modifications
9:00	Adam Freund, Mines – Aluminum for H ₂ Service
9:25	Will Waliser, Mines – Fundamentals of Recrystallization in Binary Nb Alloys
9:50	John Titus Barnett, ISU - Role of Thermomechanical Processing (TMP) on the Evolution of Microstructure and Response in Multi-Phase Refractory Alloys.
10:15	Jamie McIntyre, Mines – Scrap to Structural Alloys: Recycling Al Through High Scrap Content Wire-Based AM for Improved Sustainability
10:40	Break
11:00	Valava Sambandam Rani, Mines – Influence of Thermal and Thermomechanical Treatments on Structure and Properties of Titan 171, a near Beta Titanium Alloy
11:25	Matthew Dolde, ISU – Designing, Making, and Measuring Gradient Materials (Leveraged)
11:50	Ruben Ochoa, Mines – Heterostructured Titanium Alloys (Leveraged)
12:15	Lunch – <i>Marquez Hall Atrium</i>
13:45	Company Talk #1: Mark Carroll - Honeywell
14:15	Company Talk #2: Ryan Plessinger - Technetics
14:45	Company Talk #3: Oscar Terrazas - ATI
15:05	Break
15:30	Open Discussion: Emerging Needs of the IAB
16:30	Adjourn
18:00	Hosted Social and Dinner – Marquez Hall Atrium

Wednesday, April 23rd Meeting Location: Friedhoff Hall II, III in the Green Center on the Mines campus Zoom Link: https://mines.zoom.us/j/9404679955	
8:00	Breakfast - (Coffee/Pastries)
8:30	Jeff Ares – NSF Discussion and Air Table Feedback
9:00	Sophie Hill, Mines – Creep performance of GMA-DED Haynes 282 (Guest)
9:25	Dan McConville, Mines – Accelerating the evaluation of creep properties in LPBF Ni-based superalloys, (Leveraged)
9:50	Jon Zaugg, ISU – Progress on Manufacturing and Testing Novel Ti Alloys for Ballistic Protection (Leveraged)
10:15	Break
10:30	Project Breakout Session with Advisors
11:30	Lunch - <i>Marquez Hall Atrium</i>
12:45	Tours of Mines PI's Experimental Facilities
13:45	Member Recruitment Strategy Workshop
14:45	Break
15:00	New Project Development Workshop
16:00	Summary Discussion
16:30	Adjourn
17:15	Hosted Happy Hour with IAB, Transvalor Tech Days Visitors and Invited Guests, <i>Abejas Bar Area, 807 13th St, Golden, CO 80401</i>
18:30	Dinner on your own
Thursday, April 24th Meeting Location: 200D Green Center Zoom Link: https://mines.zoom.us/j/9404679955	
8:00	Breakfast - (Coffee/Pastries)



8:30	Discussion on CANFSA: Beyond Phase III
9:30	New Project / Member Discussions: IAB, Faculty & NSF, closed to non-members
10:30	NSF Closed Session with Industry: IAB & NSF, closed to non-members
11:30	IAB Feedback to Center Directors: IAB, Faculty & NSF only
12:00	Adjourn CANFSA Meeting
	Transvalor Tech Day Colorado 2025 <u>Thursday, April 24, 2025</u> <i>Meeting Location: Friedhoff II, III in the Green Center on the Mines campus</i>
13:00	Welcome to Transvalor Tech Day Colorado 2025
13:30	Transvalor's Vision – End-to-End Modeling Chain
14:30	Forging Case Study
15:00	Casting Case Study
15:30	CANFSA Presentation
16:00	Microstructure Evolution – DIGIMU®
16:30	Structural Analysis – Z-SET
17:30	Mines Lab Tours
19:00	Dinner and Drinks, <i>Friedhoff II, III in the Green Center on the Mines campus</i>