

High-Rate SHM Working Group Summer 2022 Meeting

June 22, 2022

Meeting POC: Jacob Dodson, jacob.dodson.2@us.af.mil, (850) 217-7930
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Physical Meeting Location:
Doolittle Institute, Mitchell Room
1140 E John Sims Pkwy #1
Niceville, FL 32578

Virtual: MS Teams
+1 410-874-6750
Phone Conference ID: 699 246 3#

Agenda

** Note the meeting is off site at Doolittle Institute. Please arrive at Doolittle by 11am CDT**

****All times CDT****

<i>Time</i>	<i>Discussion Topic</i>	<i>Speaker</i>
1100	Welcome and Introduction (30 min)	<i>Jacob Dodson</i>
1130	<i>"Hardware-Software Co-Design for Real-Time Model Updating"</i> (30 min)	<i>Austin Downey</i>
1200	<i>"High Rate Machine Learning for Forecasting Time-Series Signals"</i> (30 min)	<i>Jason Bakos</i>
1230	~Lunch ~ (60 min)	
1330	<i>"High-Rate Machine Learning"</i> (30 min)	<i>Simon Laflamme</i>
1400	<i>"Joint State-Input-Parameter Estimation with DROPBEAR Impact and Mass Drop Testing"</i> (30 min)	<i>Yang Wang</i>
1430	<i>"Updates on Damage Classification Under Shock Tests and Data Augmentation Using Generative Adversarial Network"</i> (30 min)	<i>Zhu Mao</i>
1500	<i>Tentative</i> (30 min)	<i>Erik Blasch</i>
1530	~Break ~ (15 min)	
1545	Group discussion (60 min)	
1645	Wrap up & Closing (15 min)	