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Subfolder	File name	File format	Content
	2020-006_Pohlenz-et-al_DoD	.pdf	Description of data and methods
	2020-006_Pohlenz-et-al_LoF	.pdf	List of files
2020-006_Pohlenz-et-al_Products	416-01_Glassbeads_40_70_vst	.pdf	Visualization of the VST data
	442-01_Glassbeads_40-70_dynamic	.txt	Pairs of normal stress and corresponding shear strength for dynamic friction
	442-01_Glassbeads_40-70_fricmut	.txt	Results of the mutual linear regression analysis
	442-01_Glassbeads_40-70_fricstd	.txt	Results of the linear least-squares method
	442-01_Glassbeads_40-70_hist	.pdf	Histograms of friction coefficients and cohesions
	442-01_Glassbeads_40-70_linregr	.pdf	Mohr plot of friction data
	442-01_Glassbeads_40-70_peak	.txt	Pairs of normal stress and corresponding shear strength for peak friction
	442-01_Glassbeads_40-70_reactivation	.txt	Pairs of normal stress and corresponding shear strength for reactivation friction
	442-01_Glassbeads_40-70_ts	.pdf	Visualization of time series data (shear curves): Shear stress vs. displacement for 18 measurements
	442-01_Glassbeads_40-70_ts	.txt	Table of time series data for 18 measurements of shear stress (Pa, columns 2-19) at given normal stresses (Pa, first cell in each column) vs. time (column 1)
2020-006_Pohlenz-et-al_Data	416-01_Glassbeads_40_70_vst	.tdms	Binary raw data measured by the compactRIO. Each file represents one measurement at a constant normal stress. The files contain all four measured channels in a folder like file structure including additional properties. See ni.com for more details.
	442-01_01_Glassbeads_40_70 [f=5Hz] [2019-05-27_103628]	.tdms	
	442-01_02_Glassbeads_40_70 [f=5Hz] [2019-05-27_105749]	.tdms	
	442-01_03_Glassbeads_40_70 [f=5Hz] [2019-05-27_112607]	.tdms	
	442-01_04_Glassbeads_40_70 [f=5Hz] [2019-05-27_114712]	.tdms	
	442-01_05_Glassbeads_40_70 [f=5Hz] [2019-05-27_123255]	.tdms	
	442-01_06_Glassbeads_40_70 [f=5Hz] [2019-05-27_130322]	.tdms	
	442-01_07_Glassbeads_40_70 [f=5Hz] [2019-05-27_132823]	.tdms	
	442-01_08_Glassbeads_40_70 [f=5Hz] [2019-05-27_135218]	.tdms	
	442-01_09_Glassbeads_40_70 [f=5Hz] [2019-06-17_113750]	.tdms	
	442-01_10_Glassbeads_40_70 [f=5Hz] [2019-06-17_115721]	.tdms	
	442-01_11_Glassbeads_40_70 [f=5Hz] [2019-06-17_121618]	.tdms	
	442-01_12_Glassbeads_40_70 [f=5Hz] [2019-06-17_123527]	.tdms	
	442-01_13_Glassbeads_40_70 [f=5Hz] [2019-06-17_125543]	.tdms	
	442-01_14_Glassbeads_40_70 [f=5Hz] [2019-06-17_132710]	.tdms	
	442-01_15_Glassbeads_40_70 [f=5Hz] [2019-06-17_135002]	.tdms	
	442-01_16_Glassbeads_40_70 [f=5Hz] [2019-06-17_140719]	.tdms	
	442-01_17_Glassbeads_40_70 [f=5Hz] [2019-06-17_142510]	.tdms	
	442-01_18_Glassbeads_40_70 [f=5Hz] [2019-06-17_144332]	.tdms	
442-01_Glassbeads_40_70	.cfg	configuration file with the settings used for the Python-based analysis	

Subfolder	File name	File format	Content
2020-006_Pohlenz-et-al_SEM images	Glass_40-70_1	.tif	Scanning electron mircoscope images of the material
	Glass_40-70_1_a	.tif	
	Glass_40-70_1_b	.tif	
	Glass_40-70_2	.tif	
	Glass_40-70_2a	.tif	
	Glass_40-70_2b	.tif	
	Glass_40-70_3	.tif	
	Glass_40-70_3a	.tif	
	Glass_40-70_3b	.tif	
	Glass_40-70_ov	.tif	