Friday, 24 June 2016			
TIME	EVENT		
7:30 am - 10:00 am	RegistrationWest Alabama Foyer 7:30 am - 8:00 am Pre-registered packet pick-up and onsite registration for Friday's workshops only 8:00 am - 10:00 am Pre-registration packet pickup and onsite registration		
8:00 am - 4:00 pm	Workshop 1Plaza I ARMA/AAPG SedHeat Workshop on Successful Engineering of Sedimentary Geothermal Systems		
8:00 am - 4:00 pm	Workshop 2Plaza II Workshop on Hydraulic Fracturing		
Saturday, 25 Jur	ne 2016		
TIME	IME EVENT		
7:30 am - 10:00 am	RegistrationWest Alabama Foyer 7:30 am - 8:00 am Pre-registered packet pick-up and onsite registration for Saturday's workshop, short courses and technical tour only 8:00 am - 10:00 am Pre-registration packet pickup and onsite registration		
8:00 am - 4:00 pm	Workshop 1Plaza II ARMA/AAPG SedHeat Workshop on Successful Engineering of Sedimentary Geothermal Systems (Cont)		
8:30 am - 5:15 pm	Workshop 3Westchester Workshop on Geomechanics in Unconventionals for Asset Teams		
8:30 am - 5:00 pm	Short Course 1Kirby Shale Gas GeoEngineering		
9:00 am - 5:00 pm	Technical Tour 1Meet in Hotel Lobby (Street Level) Introduction to Oil Well Drilling and Visit to Ocean Star Offshore Drilling Rig & Museum		
12:30 pm - 6:00 pm	Workshop 4Sage How Laboratory Geomechanics Testing Adds Value to Exploration and Production		

Sunday, 26 June 2016				
TIME	EVENT			
7:30 am - 9:00 pm	Registration and Speakers Ready RoomWest Alabama Foyer (Morning) & Galleria Foyer (Afternoon) 7:30 am - 8:00 am Pre-registered packet pick-up and onsite registration for Sunday's workshop, short courses and technical tour only 8:00 am - 9:00 pm Pre-registration packet pickup and onsite registration Delegate Bags Sponsored by Itasca Consulting Group, Inc.			
8:00 am - 5:30 pm	Workshop 5Westchester Workshop on Microseismic Geomechanics from Laboratory to Field Scale Across All Industries			
8:30 am - 5:00 pm	Short Course 1Kirby Shale Gas GeoEngineering (Cont.)			
8:30 am - 4:30 pm	Short Course 2Richmond Modeling of Coupled Hydro-Mechanical Deformation and Fracturing Processes in Geomechanics			
8:30 am - 4:00 pm	ARMA Board of Directors MeetingRiver Oaks			
10:00 am - 3:00 pm	Special Activity 1Meet in Hotel Lobby (Street Level) Johnson Space Center			
2:00 pm - 5:00 pm	Exhibit Set UpGalleria Foyer & Woodway Foyer			
3:00 pm - 5:00 pm	Workshop 7San Felipe ARMA Future Leaders/Students Open Discussion: "What's Your Problem?			
4:00 pm - 5:00 pm	Meeting of the Houston 2016 Organizing CommitteeBellaire			
4:00 pm - 5:00 pm	ISRM Petroleum Geomechanics Commission MeetingSage			
5:00 pm - 5:45 pm	Meeting of Symposium Student AssistantsPost Oak			
6:00 pm - 6:15 pm	Opening SessionGalleria Ballroom			
6:15 pm - 6:30 pm	Special AddressGalleria Ballroom Charles Fairhurst, Itasca Consulting Group, Inc., "Engineering in Fractured Rocks: Report on a NSF Symposium"			
6:30 pm - 7:15 pm	MTS LectureGalleria Ballroom Peter Kaiser, Laurentian University			
7:15 pm - 9:00 pm	Opening Reception and ExhibitsGalleria Foyer & Woodway Foyer Lecture and Reception Sponsored by MTS Systems Corporation			

Monday, 27 June 2016				
TIME	EVENT			
7:00 am - 6:45 pm	Pre-registration packet pickup, onsite registration and Speakers Ready RoomGalleria Foyer Delegate Lanyards Sponsored by Rocscience			
7:00 am - 7:50 am		Speaker's BreakfastMonarch Room (24th Floor)		
	Track A - Mining & Civil	Track B - Fracturing and Fractures	Track C - Petroleum	Track D - Interdisciplinary
8:00 am - 9:30 am	Technical Session 1-Galleria III	Technical Session 7-Woodway II	Technical Session 11-Woodway III	Technical Session 15-Woodway I
0.00 am = 3.50 am	Geomechanics in Geothermal Processes 1	Modeling Rock Mass Fracturing Processes	Sand Control and Management	Laboratory and Field Measurements - Methods
8:30 am - 4:30 pm	Exhibits OpenGalleria Foyer & Woodway Foyer			
9:30 am - 10:00 am	Coffee Break, ExhibitsGalleria Foyer & Woodway Foyer Sponsored by Golder Associates			
10:00 am - 10:50 am	Keynote AddressGalleria Ballroom Jean-Claude Roegiers, University of Oklahoma			
11:00 am - 12:30 pm	Technical Session 2-Galleria III	Technical Session 8-Woodway II	Technical Session 12-Woodway III	Technical Session 16-Woodway I
11.00 am - 12.00 pm	Geomechanics in Geothermal Processes 2	Fracture Mechanics - Physics and Models	Drilling Geomechanics 1	Geology in Geomechanics
12:30 pm - 2:00 pm	Exhibitor Grab and Go Box Lunch Grab a box lunch and go visit our exhibitors			
12:30 pm - 2:00 pm	Lunch Meeting of the ARMA Publications CommitteeSan Felipe			
12:30 pm - 2:00 pm	Lunch Meeting of the ARMA Website CommitteeKirby			
1:00 pm - 2:00 pm	ASCE Rock Mechanics Committee MeetingRichmond			
1:00 pm - 4:30 pm	Special Activity 2-Meet in Hotel Lobby (Street Level) Museum of Natural Science/Museum of Fine Arts			
	continued next page			

Monday, 27 June 2016 (Continued)					
TIME	EVENT				
	Track A - Mining & Civil	Track A - Mining & Civil Track B - Fracturing and Fractures Track C - Petroleum Track			
2:00 pm - 3:30 pm	Technical Session 3-Galleria III	Technical Session 9-Woodway II	Technical Session 13-Woodway III	Technical Session 17-Woodway I	
2.00 pm - 3.30 pm	Rock Excavation, Breaking, Dynamic Loading	Rock Mass, Fault Zone, and Fractured Rock Characterization 1	Subsurface Stress Modification	Coupled Processes - Flow and Thermal Responses	
3:30 pm - 4:30 pm	Technical Session 4 and 5: Civil and Interdisciplinary PostersGalleria Foyer & Woodway Foyer Coffee Break, Exhibits Sponsored by MetaRock Laboratories Ballroom Foyer				
4:30 pm6:00 pm	Technical Session 6-Galleria III	Technical Session 10-Woodway II	Technical Session 14-Woodway III	Technical Session 18-Woodway I	
4.30 pm -0.00 pm	Coal Mining Ground Control	Fracture Modeling - Initiation and Propagation	In Situ Stress and Pore Pressure	Numerical Modeling of Salt and Soft Rock	
7:00 pm - 9:30 pm	Texas Barbeque & Lab TourMeet in Hotel Lobby (Street Level) Sponsored by MetaRock Laboratories				
7:30 pm - 9:45 pm	ARMA Fellows DinnerHouston Club				

Tuesday, 28 June 2016				
TIME	EVENT Pre-registration packet pickup, onsite registration and Speakers Ready RoomGalleria Foyer Symposium Proceedings Sponsored by MetaRock Laboratories Speaker's BreakfastMonarch Room (24th Floor)			
7:00 am - 6:30 pm				
7:00 am - 7:50 am				
	Track A - Mining & Civil	Track B - Fracturing and Fractures	Track C - Petroleum	Track D - Interdisciplinary
8:00 am - 9:30 am	Technical Session 19-Galleria III	Technical Session 25-Woodway II	Technical Session 29-Woodway III	Technical Session 33-Woodway I
5:50 um 5:50 um	Slope Stability, Foundations, and Dams	Hydraulic Fracturing Case Studies	Near-wellbore Processes 1	Geophysics in Geomechanics
8:30 am - 4:30 pm	Exhibits OpenGalleria Foyer & Woodway Foyer			
9:30 am - 10:00 am	Coffee Break, ExhibitsGalleria Foyer & Woodway Foyer Sponsored by Golder Associates			
10:00 am - 12:00 noon	Special Activity 3Meet in Hotel Lobby (Street Level) Houston City Double Decker Bus Tour			
10:00 am - 10:50 am	First ARMA Distinguished LectureGalleria Ballroom Richard Goodman, Univ Calif, Berkeley (Emeritus), "Comments and Observations on the Analysis of Discontinuous Rock Masses in Rock Engineering"			
	Technical Session 20-Galleria III	Technical Session 26-Woodway II	Technical Session 30-Woodway III	Technical Session 34-Woodway I
11:00 am - 12:30 pm	Numerical Modeling in Mining	Fracture Mechanics - Diagnostics and Measurement	Integrated Reservoir Geomechanics 1	Laboratory and Field Measurements - Analysis
12:30 pm - 2:00 pm	Lunch on your own Lunch Meeting of the ARMA Future LeadersSan Felipe Guest Speaker: Ali Daneshy, "Stress-Related Geomechanical Challenges in Hydraulic Fracturing"			
12:30 pm - 2:00 pm				
2:00 pm - 3:30 pm	Technical Session 21-Galleria III	Technical Session 27-Woodway II	Technical Session 31-Woodway III	Technical Session 35-Woodway I
	Slope Stability in Mines	Rock Heterogeneity Across Length Scales	Drilling Geomechanics 2	Hazards, Risks, and Induced Seismicity
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Tuesday, 28 June 2016 (Continued)				
TIME	EVENT			
3:30 pm - 4:30 pm	Technical Sessions 22 and 23: Mining and Petroleum PostersGalleria Foyer & Woodway Foyer Coffee Break, Exhibits Ballroom Foyer			
	Track A - Mining & Civil Track B - Fracturing and Fractures Track C - Petroleum Track D - Interdisciplinary			
4:30 pm6:00 pm	Technical Session 24-Galleria III	Technical Session 28-Woodway II	Technical Session 32-Woodway III	Technical Session 36-Woodway I
4.50 pm - 0.00 pm	Numerical/ Analytical/DEM Modeling in Geomechanics	DFN Fracture Characterization	Waste Disposal and CO2 Sequestration	Coupled Processes: Chemical/Thermal/Biologic Influences on Geomechanics
4:30 pm - 5:30 pm	Meeting of the ARMA Technical Committee ChairsWestchester			
6:30 pm - 7:20 pm	Student Career ReceptionMonarch Room (24th Floor)			
7:30 pm - 9:30 pm	ARMA Awards BanquetGalleria Ballroom Sponsored by Agapito Associates, Inc.			

Wednesday, 29 June 2016				
TIME	EVENT			
7:00 am - 2:00 pm	Pre-registration packet pickup, onsite registration and Speakers Ready RoomGalleria Foyer			
7:00 am - 7:50 am	Speaker's BreakfastMonarch Room (24th Floor)			
	Track A - Mining & Civil	Track B - Fracturing and Fractures	Track C - Petroleum	Track D - Interdisciplinary
0.00 0.00	Technical Session 37-Galleria III	Technical Session 41-Woodway II	Technical Session 45-Woodway III	Technical Session 49-Woodway I
8:00 am - 9:30 am	Mining Geomechanics	Fracture Mechanics - Fluid and Proppant	Near-wellbore Processes 2	Induced/Triggered Seismicity
9:30 am - 10:00 am	Coffee BreakGalleria Foyer & Woodway Foyer Sponsored by Golder Associates			
10:00 am - 10:50 am	Keynote AddressGalleria Ballroom William Ellsworth, Stanford University			
	Technical Session 38-Galleria III	Technical Session 42-Woodway II	Technical Session 46-Woodway III	Technical Session 50-Woodway I
11:00 am - 12:30 pm	Computational Advances in Geomechanics	Interaction of Induced and Natural Fractures	Numerical Modeling in Petroleum Geomechanics	Laboratory and Field Measurements -Results
12:30 pm - 2:00 pm	Lunch on your own			
12:30 pm - 2:00 pm	Lunch Meeting of the Houston 2016/SF 2017 Organizing CommitteesSage			
0.00	Technical Session 39-Galleria III	Technical Session 43-Woodway II	Technical Session 47-Woodway III	Technical Session 51-Woodway I
2:00 pm - 3:30 pm	Underground Storage and Structures	Fracturing and Brittleness	Depletion Induced Surface Subsidence	Subsurface Integrity
3:30 pm - 4:00 pm	Coffee BreakGalleria Foyer & Woodway Foyer			
	Technical Session 40-Galleria III	Technical Session 44-Woodway II	Technical Session 48-Woodway III	Technical Session 52-Woodway I
4:00 pm - 5:30 pm	Rock Properties for Underground Excavation	Rock Mass, Fault Zone, and Fractured Rock Characterization 2	Integrated Reservoir Geomechanics 2	Coupled Processes - Mechanical Responses
5:30 pm - 5:45 pm	Closing SessionGalleria Ballroom			

Thursday, 30 June 2016	
TIME	EVENT
8:00 am- 6:00 pm	Technical Tour 3Meet in Hotel Lobby (Street Level) Spindletop