

Sunday 13 September	Day 1			Day 2			Day 3
Workshop Welcome Reception 18:00 - 20:00	Start	End	Program / Session Details	Start	End	Program / Session Details	Tour/Social Event sponsored by Anadolu Innovation Inc. 09:00-20:00
	08:30	09:00	Registration	09:00	09:40	KEYNOTE SPEAKER Dr. Ken Seymour <i>Eco-Therm Co.</i> The Challenge of Maintaining Full Well Life Pressure Integrity Data - The Need for an Interactive Well Engineering Digital Twin	
	09:00	09:40	Welcome & Introduction			Session 3 - Public Sector Panel	
	Session 1			Session 3 - Public Sector Panel			
	09:40	10:00	Prof.Dr. Ismail Ekmekci <i>Istanbul Ticaret University</i> Exergy-Based Assessment of a Solar-Assisted Geothermal ORC Multigeneration System Using R1233zd and R1234ze for Geothermal Heat-to-Power Applications	09:40	11:00	Turkey's Geothermal Energy Potential and Current Status, Technical Evaluation of Applications for Electricity Generation, and Policies Moderator, Nazlı Can Pedük, Ministry of Energy and Natural Resources, ETK Specialist	
	10:00	10:20	Dr. Lee Hosking <i>Brunel University Of London</i> Coupled Thermo-Hydro-Mechanical Damage Modelling as a Component of Well Integrity Risk Management			Panelist, Mustafa Çalışkan, Ministry of Energy and Natural Resources, General Directorate of Energy Affairs, Head of Renewable Energy and New Technologies Department	
	10:20	10:40	Dr. Ersin BUYUK <i>Gumushane University</i> Radiogenic Granitoids as Future EGS Targets: A 3D Magnetotelluric and Geochemical Case Study from NW Türkiye			Panelist, Ejder Yapıcı, Ministry of Energy and Natural Resources, General Directorate of Mineral Research and Exploration (MTA), Head of Energy Raw Materials Exploration and Research Department	
	10:40	11:00	Dr. Aydın CICEK <i>MTA (Geological Survey of Türkiye)</i> Unconventional Geothermal Systems (UGS) Conceptual Designs based on Thermodynamics Principals			Panelist, Dr. Ümit Çalıkoğlu, Ministry of Energy and Natural Resources, Türkiye Energy, Nuclear and Mineral Research Agency, Head of Energy and Technology Policies Department	
	Coffee Break			Coffee Break			
	11:20	11:40	Musa Burcak <i>Burçak Geothermal Engineering</i> Classification of Geothermal Systems in Turkey and Hot Dry Rock Potential	11:20	11:40	Irem Eren, <i>Zorlu Energy</i> Lithium Extraction Potential from Geothermal Brine with Low Lithium Concentration	
	11:40	12:00	Assoc.Prof.Dr. Alper OZPINAR <i>Ibn Haldun university</i> A 1D-CNN Approach for Geothermal Reservoir Temperature Prediction and Its Levelized Cost Implications: A Case Study	11:40	12:00	Ismail BAHTIYAR <i>GYP Energy</i> Geothermal Production License (Western Türkiye/Aydın Province)	
	Lunch Break			Lunch Break			
	13:30	14:10	KEYNOTE SPEAKER Prof. Dr. Erdin Bozkurt <i>Middle East Technical University</i> Beneath the Surface: Subsidence, Seismicity, and Environmental Risks in Geothermal Fields	13:30	14:10	KEYNOTE SPEAKER 3 Dr.Norbert Klitzsch <i>RWTH Aachen Uni.</i> Advanced Petrophysical Characterization of Rock Cores	
	Session 2			Session 4			
	14:10	14:30	Paige Draper <i>Pennmen Ltd.</i> Closed-loop Advanced Geothermal Systems: Possibilities in the UK and Türkiye	14:10	14:30	Assoc.Prof.Dr. M.Rafet OZDEMIR <i>Marmara University</i> Thermoacoustic Cogeneration for Data Centers Using Hot Dry Rock Geothermal Energy: A Case Study	
	14:30	14:50	Dr. A Tahir KALKISIM <i>Anadolu Innovation Inc.</i> Thermodynamic and Economic Assessment of Geothermal Energy Systems in Türkiye	14:30	14:50	Assoc.Prof. Muhammet CEYLAN <i>Istanbul Ticaret University</i> Supercritical Geothermal Well Engineering: Materials for Extreme Conditions and Future Perspectives	
	14:50	15:10	Dr.Ahmet Yavuzdogan <i>Brunel University Of London</i> Development of WellITH AGS Thermal Analysis Software	14:50	15:30	B2B Meets	
	15:10	15:30	Dr.Zeynel OZTURK <i>Anadolu Innovation</i> Manisa Acidere AGS Project				
	Coffee Break			Cofee Break & End of the Presentations			
	16:00	17:00	Eco-Therm Co. WellITH Geothermal Software Demonstration	16:00	17:00	Closed Session Manisa AGS Project Meeting with the project group	
	End of Day			End of Day			
	19:00	20:00	Dinner	19:00	20:00	Dinner	

INTERNATIONAL WORKSHOP

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2026

DEVELOPMENTS IN GEOTHERMAL