

AGENDA

NDE FOR MATERIALS CHARACTERIZATION VIRTUAL WORKSHOP

December 14-17, 2020 • Virtual/ Webex

* Scheduled times are based on US-EST time zone

MONDAY, DECEMBER 14, 2020

TIME (US-EST)	TOPIC	PRESENTER
11:00 a.m.	Welcome and Introduction	<i>EPRI</i>
11:15 a.m.	NDE of early stage fatigue samples <ul style="list-style-type: none"> • Sample inventory • Summary of tests performed 	<i>T. Seuaciuc-Osorio - EPRI</i>
11:45 a.m.	Optics	<i>J. Patterson - Brigham Young University</i>
12:15 p.m.	Electromagnetic	<i>Y. Deng - Michigan State University</i>
12:45 p.m.	Break	<i>All</i>
1:00 p.m.	Electrical Conductivity	<i>P. Nagy - University of Cincinnati</i>
1:30 p.m.	Thermal	<i>A. Heifetz - Argonne National Laboratory</i>
2:00 p.m.	Wrap-up <ul style="list-style-type: none"> • Data Fusion • Future Efforts 	<i>T. Seuaciuc-Osorio - EPRI</i>
2:30 p.m.	Open discussion	<i>All</i>
3:00 p.m.	Adjourn	

TUESDAY, DECEMBER 15, 2020

TIME (US-EST)	TOPIC	PRESENTER
10:00 a.m.	Welcome and Introduction	<i>EPRI</i>
10:15 a.m.	NDE to obtain fracture toughness <ul style="list-style-type: none"> • Sample inventory • Summary of tests performed 	<i>J. Wall - EPRI</i>
10:45 a.m.	Non linear Ultrasonic Testing	<i>L. Jacobs - Georgia Tech</i>
11:15 a.m.	Thermoelectric Power	<i>P. Nagy - University of Cincinnati</i>
12:45 p.m.	Break	<i>All</i>
1:00 p.m.	Friction and Attenuation	<i>P. Panetta - Applied Research Associates</i>
1:30 p.m.	Wrap-up <ul style="list-style-type: none"> • Data Fusion • Future Efforts 	<i>T. Seuaciuc-Osorio - EPRI</i>
2:00 p.m.	Open discussion	<i>All</i>
2:30 p.m.	NOMAD – European research project on NDE to characterize fracture toughness	<i>M. Rabung - NOMAD</i>
3:00 p.m.	Adjourn	

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WEDNESDAY, DECEMBER 16, 2020		
TIME (US-EST)	TOPIC	PRESENTER
9:00 a.m.	Welcome and Introduction	<i>EPRI</i>
9:15 a.m.	NDE and Microstructure Characterization <ul style="list-style-type: none"> • Sample inventory • Summary of tests performed 	<i>T. Seuaciuc-Osorio - EPRI</i>
9:45 a.m.	Electromagnetic	<i>J. Wilson - University of Manchester</i>
10:15 a.m.	Ultrasonic Testing	<i>S. Chakrapani - Michigan State University</i>
10:45 a.m.	Break	<i>All</i>
11:00 a.m.	Thermoelectric Power	<i>P. Nagy - University of Cincinnati</i>
11:30 a.m.	Wrap-up <ul style="list-style-type: none"> • Data Fusion • Future Efforts 	<i>T. Seuaciuc-Osorio - EPRI</i>
12:00 p.m.	Future direction for NDE for material characterization at EPRI	<i>T. Seuaciuc-Osorio – EPRI J. Wall – EPRI M. Guimaraes - EPRI</i>
12:30 p.m.	Open discussion	<i>All</i>
1:00 p.m.	Adjourn	