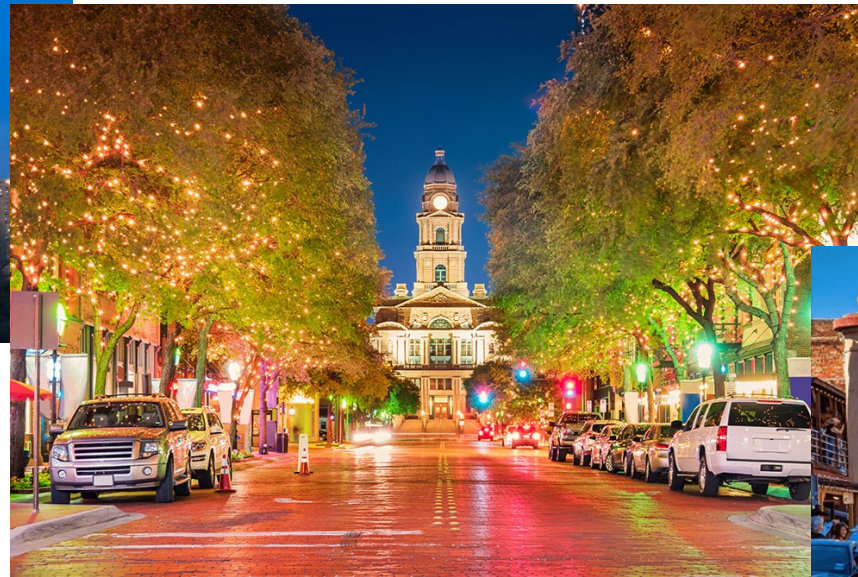


SDEMPED 2021

13th edition of the IEEE International Symposium on
Diagnostics for Electric Machines, Power Electronics and Drives

August 22-25
Dallas TX



Topics of the Conference



- 1. Electrical machines:** Failure detection and location/vibration, audible noise, electrical or mechanical variables, sensors, insulation failures, electrical, mechanical and thermal models
- 2. Power electronics:** Diagnostics / input-output monitoring, thermal and/or electrical measurements on power semi-conductors, control supervision, signal processing
- 3. Adjustable speed drives :** Monitoring and diagnostics for ASDs using electrical machines, power converters and control systems, computer-based signal processing and data analysis
- 4. Methods and tools for diagnostic and prognostic:** neural networks, fuzzy logic, AI, genetic algorithms, expert systems, identification, signal processing techniques, observers...
- 5. Materials for electrical machines:** Insulating and magnetic materials, RUL models, ageing tests
- 6. Tests for predictive maintenance:** Partial discharge analysis and tests, new instruments for diagnostics
- 7. Fuel Cells and Electrolyzers :** models for diagnostic or ageing, tests
- 8. Power Systems and Power Networks, Embedded Systems, Emerging Applications**

Conference Committee



GENERAL CO-CHAIRS

Bilal Akin,

USA

University of Texas, Dallas

Gérard-André Capolino,

France

University of Picardie

HONORARY CO-CHAIRS

Thomas Habetler,

USA

Georgia Tech

Hamid Toliyat

USA

Texas A&M University

TECHNICAL PROGRAM CO-CHAIRS

Antonio J. M. Cardoso,

Portugal

University of Beira Interior

Huai Wang,

Denmark

Aalborg University

José-A. Antonino-Daviu,

Spain

Universitat Politècnica de València

Sang Bin Lee,

Korea

Korea University

Conference Committee (Tentative)

KEYNOTE & SPECIAL SESSIONS ORGANIZERS

Morgan Kiani	USA	TCU
Behrooz Mirafzal	USA	Kansas State University
Babak Fahimi	USA	University of Texas, Dallas
Luca Zarr	Italy	University of Bologna

PUBLICATION CHAIR

Seungdeog Choi,	USA	Mississippi State University
Andres Nogueiras	Spain	University of Vigo

TUTORIALS CO-CHAIRS

Thomas Wolbank,	Austria	Vienna University of Technology
Lucia Frosini,	Italy	University of Pavia
Faisal Khan,	USA	University of Missouri

PUBLICITY CO-CHAIRS

Pinjia Zhang,	China	Tsinghua University
Gaolin Wang	China	Harbin Institute of Technology
Radu Bojoi,	Italy	Politecnico di Torino
Leila Parsa,	USA	UC Santa Cruz
JiangBiao He,	USA	University of Kentucky

TREASURER

JiangBiao He,	USA	University of Kentucky
---------------	-----	------------------------

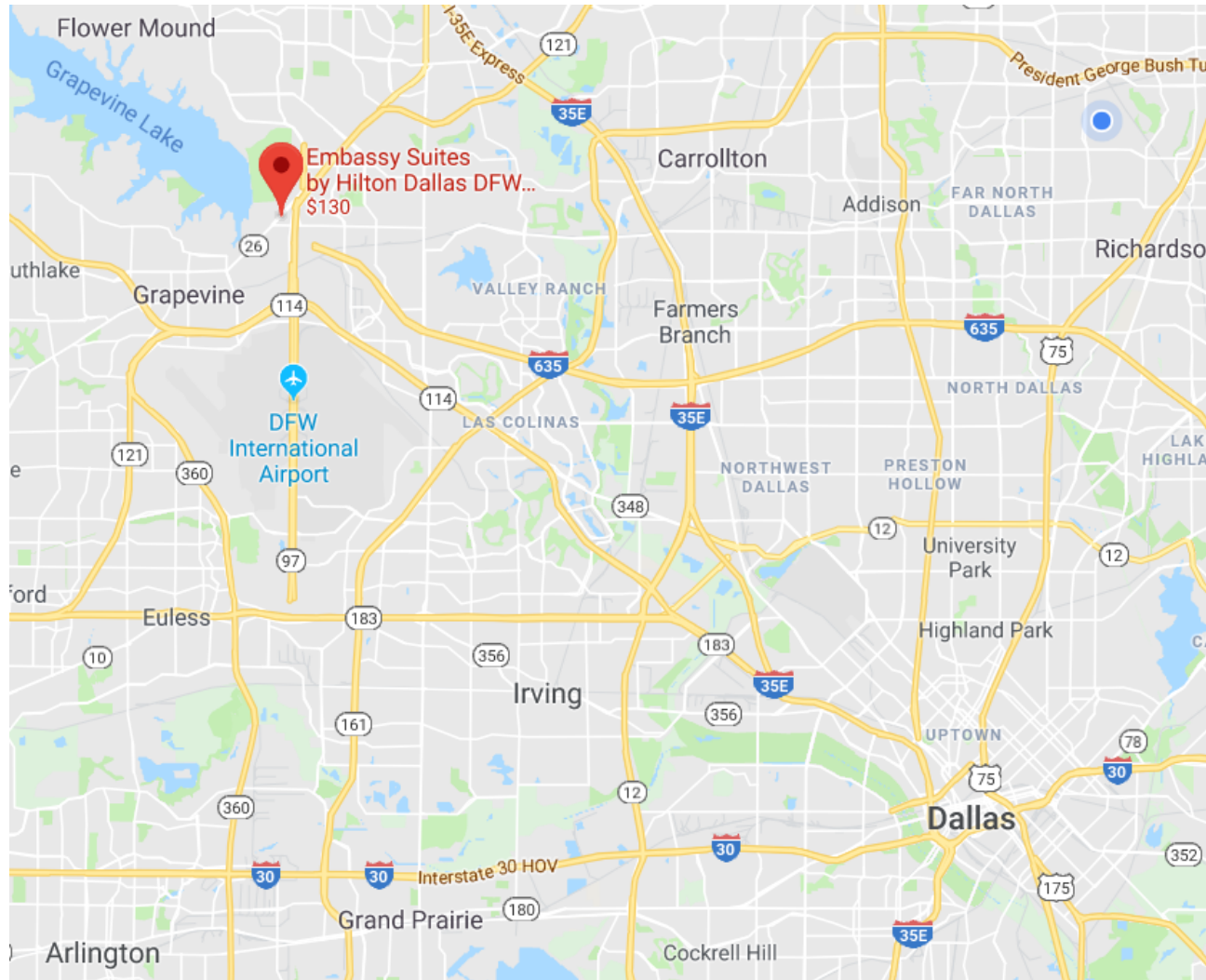


Venue : Embassy Suites

Region : Grapevine

3 miles away from Airport

Direct flights from many countries,
an international hub



- Complementary airport shuttle services
- Complementary breakfast buffet
- All guest rooms are 2 room suites
- Conference rate \$149
- Complementary parking
- Complementary Wifi
- Fitness center and indoor pool





- Separate living space and bedroom
- Refrigerator
- Microwave
- Two large flat-screen TVs

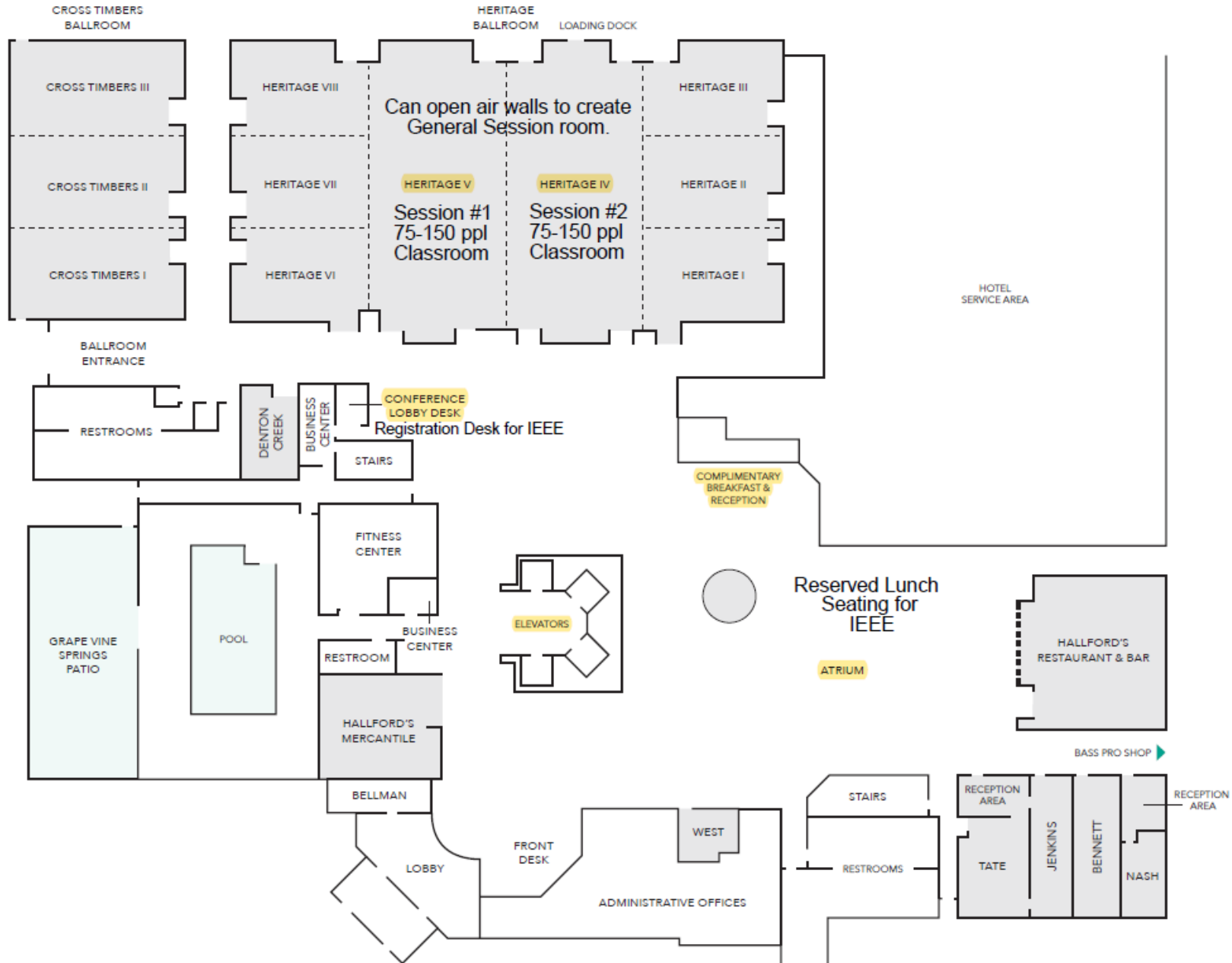


Over 30,000 square feet of flexible meeting space





FIRST FLOOR



Many dining, shopping and attraction options for kids and families in the neighborhood (Grapevine)....

And there are also tons of other options in Dallas – Fort Worth area.