



State of Texas Chapter
of the
Health Physics Society

AGENDA

Friday, April 11th

8:00	9:00	Registration Open
8:00	9:00	Breakfast sponsored by Radiation Detection Company
8:30	9:00	Welcome, Opening Remarks, Announcements, Overview of EC meeting – STC HPS President

Presentations

Start	End	Presenter	Topic
9:00	9:45	Erich Fruchtnicht, Entact, LLC	Industrial NORM: Where it comes from and why
9:45	10:15	Morning Coffee Break & Networking	
10:15	11:00	Thomas Hallmark, TAMU	Non-linear traditional career paths for nuclear engineers
11:00	11:45	Mike Lewandowski, HPS President-Elect	HPS Membership: Advantages for students and faculty to join and participate in HPS
11:45	12:30	Emily Schaefer, TAMU EHS	Dosimetry 101 – Basics of an Occupational Radiation Safety Dosimetry Program
12:30	1:30	Lunch and networking	
1:30	2:15	Latha Vasudeva, TAMU EHS	Health Physics Challenges using Portable X ray devices in Medical and Veterinary Applications
2:15	3:00	Sofia Lara-Ramos, TEES E-Beam	Electron Beam Technology: Fundamentals, Applications, and Safety
3:00	3:45	Abby Kurwitz, TEES NESC	TBD
3:45	4:00	Dismissal, Closing Remarks, Announcements	
Student Detector Workshop			



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Saturday, April 12th

8:00	9:00	Breakfast
8:30	9:00	Welcome, Opening Remarks, Announcements (Education Grant Award)

Presentations

Start	End	Presenter	Topic
9:00	9:45	Brian Christian, ARDT	Texas Regulatory Updates
9:45	10:15	Morning Coffee Break & Networking	
10:15	11:00	Giraude Griffin, TSU	Comparative Study of Scintillator Materials for Optimizing Energy Resolution in Electromagnetic Calorimeters Using the Geant4 Monte Carlo Toolkit
11:00	11:45	Zavier Ndum Ndum, TAMU	Leveraging a Large Language Model (LLM)-based Agent Framework for Enhanced Knowledge Retrieval in Radiation Protection and Health Physics
11:45	12:30	Edwin Kagai, Kenyatta University, Kenya	Radon Exhalation from Flower Beds at Kenyatta University, Kenya
12:30	1:30	Lunch and networking	
1:30	2:15	Jimmy Huynh	The comparison of radiation use in common procedures amongst didactic pediatric fluoroscopic units
2:15	2:30	Aylin Ozus	Fetal Radiation Exposure Monitoring of Pregnant Employees Across Multiple Departments and Areas in a Hospital
2:30	2:45	Dismissal, Closing Remarks, Announcements	

