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Thailand LAB INTERNATIONAL 2024 Highlights Crucial Role of Safety Standards in Advancing Sustainable Laboratories

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Experts emphasize the importance of energy-efficient practices, waste management, and hazard reduction in fostering sustainability and long-term environmental stewardship in laboratory settings during a session led by Asst. Prof. Suchada Chaisawat.



The **Thailand LAB INTERNATIONAL 2024** event continued its focus on innovative and sustainable practices with a session titled **"Safety LAB Standards for Sustainability"**, held at LAB Square. The session, conducted in Thai, provided critical insights into the importance of adhering to safety standards in laboratories to foster sustainability and long-term environmental stewardship.

The session was led by **Asst. Prof. Suchada Chaisawat**, Director of the Center for Energy, Environment, Safety, and Occupational Health Management at **King Mongkut's University of Technology Thonburi (KMUTT)**. Asst. Prof. Suchada, a recognized expert in laboratory safety and sustainability, emphasized the crucial role that proper lab safety standards play in ensuring both environmental protection and the safety of lab personnel.

Key discussion points included the implementation of energy-efficient practices, waste management protocols, and the reduction of hazardous substances in laboratory operations. The session also highlighted how sustainable lab practices align with broader global goals of reducing carbon footprints and advancing eco-friendly scientific research.

Participants learned how adopting these standards can significantly reduce environmental impact while maintaining the safety and efficiency of laboratory workspaces. Furthermore, the session underlined the importance of collaboration between academic institutions and industry leaders in promoting safety and sustainability across Thailand's scientific community.

The **Thailand LAB INTERNATIONAL 2024** organizers expressed their gratitude to all participants and attendees who contributed to making this session a valuable platform for learning and exchange. As sustainability remains at the forefront

of global challenges, the importance of safety standards in laboratories will continue to grow, ensuring that scientific advancements are made responsibly and sustainably.