

ELEVCON 2025 - Programme - Day 1

Tuesday, June 17		ELEVATOR ENERGY EFFICIENCY AND PLANNING	
Time	Function		
08:30-09:00	Registration and Morning Coffee		
09:00-10:30	OPENING SESSION		
09:00-9:15	Welcome Speech		
09:15-09:30	Dr. Marja-Liisa Siikonen , <i>MLS Lift Consulting Ltd., Finland</i> <i>IAEE President, Elevcon Congress Chairwoman & Program Manager</i> Program of the Conference		
09:30-09:45	Mr. Gil Stier , <i>IAEE Administrative Board Chairman, Israel</i> Congress Arrangements		
09:45-10:30	SESSION 1: KEYNOTE SPEAKER		
09:45-10:30	Abstract: Elevating Intelligence: Addressing the Divide in the Global Elevator Market Author: Prof. Richard Peters, <i>Peters Research Ltd., UK</i> Presenting: Richard Peters		
10:30-11:00	Coffee Break & Exhibition Visit		
11:00-12:30	SESSION 2: ENERGY EFFICIENCY AND SERVICE LEVEL		
11:00-11:30	Subject: Rigid Chain, Electro-Mechanical, Space Saving, Position Stable, Easy Servicing, Operational Safety, High Energy Efficiency, High Availability Abstract: RIGID CHAIN TECHNOLOGY (RCT) as an Alternative Drive Solution - Starts Where Others Reach Their Limits Authors: Klaus Wuerkner and Olaf Klingner <i>Vice President SERAPID Lift Systems at SERAPID Group, Germany</i> Presenting: Klaus Wuerkner		
11:30-12:00	Subject: Elevator Group Control, Multi-Objective Optimization, Energy Consumption, Passenger Preferences		



<p>12:00-12:30</p>	<p>Abstract: Energy-Efficient Elevator Group Controller with Passenger-Driven Service Optimization Author: Antti Korkealaakso¹, Mirko Ruokokoski¹, Juho Kokkala¹, Tuomas Myllymäki¹, and Faris Ilyas Shaikh² ¹<i>KONE Corporation, Finland</i> ²<i>KONE Elevator India Private Ltd., India</i> Presenting: Antti Korkealaakso</p> <p>Subject: Sensors, IoT, Monitoring, Maintenance, Traffic Management Abstract: Door Sensor-Based Systems Increase Elevator Performance, Maintenance Efficiency and Customer Satisfaction Author: Mr. Jan Giger, <i>President Business Unit Elevator & Escalator CEDES AG, Switzerland</i> Presenting: Jan Giger</p>
<p>12:30-13:30</p>	<p>Lunch & Exhibition Visit</p>
<p>13:30-14:30</p>	<p>SESSION 3: ELEVATOR PLANNING AND ARCHITECTURE IN TALL CONSTRUCTIONS</p>
<p>13:30-14:00</p>	<p>Subject: Double-deck (DD) Lifts, Single-Deck (SD) Lifts, Handling Power, Mix-Use, Number of Stops, Speed of Lifts, Price Comparison, Space-Saving Abstract: Mix-use Double Deck Lifts and Single Deck Lifts in Office Buildings Authors: Hongliang Liang CEng FCIBSE <i>Aliang Lift Design Studio Ltd, UK</i> Presenting: Hongliang Liang</p>
<p>14:00-14:30</p>	<p>Subject: DD, DCS, Simulation, Vertical Transportation, Control Systems, Handling Capacity Abstract: Overall Efficiency of Complex Elevator Systems Authors: Dr. Marja-Liisa Siikonen, <i>MLS Lift Consulting Ltd, Finland</i> Presenting: Marja-Liisa Siikonen, MLS Lift Consulting Ltd</p>





14:30-15:00	<p>Subject: Ataturk, Historical Elevator, Wooden Elevator, Outdoor Elevator Abstract: Wooden Outdoor Elevator in the Buyukada Called Ataturk Elevator Authors: Sefa Targit¹, C. Erdem İmrak², Adem Candaş³, Mohsen Seyyedi⁴ ¹ Asray Company, Gebze, Kocaeli, Turkey ^{2,3,4} Elevator Technologies Laboratory, Faculty of Mechanical Engineering, Istanbul Technical University, Turkey Presenting: Sefa Targit</p>
15:00 15:30	Coffee Break
15:30-17:00	<p>SESSION 4: PANEL DISCUSSION</p> <p>Chairperson: Dr. Arthur Hsu, <i>Otis Lead Design Center, USA</i> Abstract: Standardization of Elevator Traffic Planning – How Does ISO 8100-32:2020 Match the Needs Arising from the Planning of Tall Buildings? Panelists: Dr. Arthur Hsu, <i>Otis Lead Design Center, U.S.A</i> Mr. Mikko Kontturi, <i>KONE Corporation, Finland</i> Prof. Richard Peters, <i>Peters Research Ltd., UK</i> Dr. M-L Siikonen, <i>MLS Lift Consulting Ltd., Finland</i> Dr. Janne Sorsa, <i>Elevating Studio Pte. Ltd., Finland</i></p>
17:00-18:00	<p>IAEE General Assembly Meeting Chairperson: Mr. Robert Nicholson, <i>IAEE Board of Executives, Architectural Elevator Consulting, LLC, U.S.A</i></p>
18:30	Evening Cocktail Reception



June 17-19, 2025, Altis Grand Hotel, Lisbon, Portugal





ELEVCON 2025 - Programme - Day 2	
Wednesday, June 18	ELEVATOR COMPONENTS AND SUSTAINABILITY
Time	Function
08:30-09:00	Registration and Morning Coffee
09:00-10:30	SESSION 5: SUSTAINABILITY, CARBON FOOTPRINT
09:00-9:30	<p>Subject: Sustainability, Autism, Design, Parkinson Disease, Maslow’s Hierarchy , Maintenance</p> <p>Abstract: Rethinking the Elevator Concept Design, Front End Planning and Critical Aspects of Maintenance Important for Elevator in Buildings that Serve Senior Population</p> <p>Author: Mrs. Magdalena Krstanoski <i>Everglades University, Construction Management, Sarasota, Florida, U.S.</i> <i>Concept Solution, LLC Founder, Clearwater Beach, Florida, U.S.</i></p> <p>Presenting: Magdalena Krstanoski</p>
9:30-10:00	<p>Subject: Circular Economy, Sustainability, ISO 59000 Standards, Resource Efficiency, Modernization</p> <p>Abstract: How to Implement Circular Economy Practices in Lift Industry</p> <p>Authors: Claudio Donghi, and Robert Kaspersma <i>KONE Corporation, Italy</i></p> <p>Presenting: Claudio Donghi</p>
10:00-10:30	<p>Subject: Environment Protection, Health-Monitoring, Ai, Agnostic, Sensor-Fusion, 24/7 Real-time, IoT, People-Flow, Prevention</p> <p>Abstract: Agnostic 3rd Generation Smart Elevator Revolution</p> <p>Author: Christian Erik Thoeny <i>CEDES AG, Switzerland</i></p> <p>Presenting: Christion Thoeny</p>
10:30-11:00	Coffee Break & Exhibition Visit





11:00-12:30	SESSION 6: ELEVATOR COMPONENTS: ROPE ANALYSIS
11:00-11:30	<p>Subject: Earthquake, Seismic Engineering, Simulation, Rope Sway, Probabilistic Risk Assessment, Fragility Curve</p> <p>Abstract: Probabilistic Assessment of Seismic Response of Hoist Ropes</p> <p>Authors: Takashi Matsushima¹, Keisuke Minagawa² and Satoshi Fujita³</p> <p>¹Graduate School of Saitama Institute of Technology, Japan</p> <p>²Saitama Institute of Technology, Japan</p> <p>³Tokyo Denki University, Japan</p> <p>Presenting: Takashi Matsushima</p>
11:30-12:00	<p>Subject: Traction, Calculation, Emergency Stop, Friction, Sliding</p> <p>Abstract: High-Speed Rope Traction During Emergency Stops</p> <p>Authors: Jaakko Kalliomäki¹, Petteri Valjus¹ and Erkka Kiviaho¹</p> <p>¹KONE Corporation, Finland</p> <p>Presenting: Jaakko Kalliomäki</p>
12:00-12:30	<p>Subject: Vibration, Ride Comfort, Natural Frequency, Elevator, Modelling, Simulation</p> <p>Abstract: Modelling, Analysis and Characterization of Vibrational Frequencies of Elevator Ropes</p> <p>Authors: Sriram Rangarajan¹, Heinz Studiger¹, Michael Siegfried¹</p> <p>¹BRUGG Lifting AG, Switzerland</p> <p>Presenting: Sriram Rangarajan</p>
12:30-13:30	Lunch & Exhibition Visit
13:30-15:00	SESSION 7: ELEVATOR COMPONENTS: DEFLECTION PULLEYS AND ROPES
13:30-14:00	<p>Subject: Deflection Pulley, Nylon, Cast Iron, Safety, Increased Lifetime, Rope Tension, Sustainability</p> <p>Abstract: Trust and Confidence in Optamid® Deflection Pulleys</p> <p>Authors: Lothar Sieber</p> <p>Röchling Industrial Xanten GmbH, Germany</p> <p>Presenting: Lothar Sieber</p>





ELEVCON 2025 - Programme - Day 3	
Thursday, June 19	INTELLIGENT SENSORS, QUALITY AND SAFETY
Time	Function
08:30-09:00	Registration and Morning Coffee
9:00-10:30	SESSION 9: INSTALLATION QUALITY AND SAFETY
09:00-09:30	<p>Subject: Internet of Things, Connect, Cloud, Upload, Planning Office, as Built vs. as Planned, Quality System, GSM Network</p> <p>Abstract: Cordless Power Tools Provide Data from Installation Site</p> <p>Author: Dr. Sc. Techn. Michael Merz <i>Hilti Corporation, Principality of Liechtenstein</i></p> <p>Presenting: Michael Merz</p>
09:30-10:00	<p>Subject: Digital Twin, Accident Prevention, Data Collection, Data Analysis</p> <p>Abstract: “Digital Door Twin” to Improve Elevator Door Installation Quality and Reduce Accidents Due to Imperfect Installation.</p> <p>Author: Giuseppe de Francesco and Frederica Codalli <i>Wittur, Italy</i></p> <p>Presenting: Giuseppe de Francesco</p>
10:00-10:30	<p>Subject: Efficiency, Safety, Sensing, Energy Saving, Installation Cost, Automated Mapping, IoT, AI</p> <p>Abstract: Innovative Sensor Solutions Using Optical Semiconductor Technology</p> <p>Author: Beat De Coi <i>ESPROS Photonics AG, Switzerland</i></p> <p>Presenting: Beat De Coi</p>
10:30-11:00	Coffee Break & Exhibition Visit
11:00-12:00	SESSION 10: BRAKE SAFETY
11:00-11:30	<p>Subject: EN ISO 8100-1/2, Elevator Brakes, Safety Brakes, Safety</p> <p>Abstract: Optimized Elevator Brakes for The New Standards</p> <p>Authors: Sebastian Steinert and Alexander Hutler</p>





<p>11:30-12:00</p>	<p><i>Mayr power transmission, Mauerstetten, Germany</i> Presenting: Alexander Hutler</p> <p>Subject: Brake, Instrument, Maintenance, Safety Abstract: Enhancing Passenger Safety: A Framework for Assessing and Optimizing Elevator Braking Distances Authors: Shaik Javeed <i>Agmelco Elevator Co LLC, Deira, Dubai UAE</i> Presenting: Shaik Javeed</p>
<p>12:00-12:30</p>	<p>SESSION 11: HIGH-TECH AWARD Chairperson: Eng. Matteo Volpe, <i>Editor, Elevatori Magazine, Italy</i></p>
<p>12:30-13:30</p>	<p>Lunch & Exhibition Visit</p>
<p>13:30-14:00</p>	<p>SESSION 12: ESCALATOR SAFETY</p> <p>Subject: Escalator, Safety Abstract: What Could Go Wrong With an Escalator? Authors: Mr. Dave Cooper <i>University of Northampton, UK</i> Presenting: Dave Cooper</p>
<p>14:00-14:30</p>	<p>Summary and Conclusion of the Congress Chairpersons: Dr. Marja-Liisa Siikonen, <i>IAEE President, Elevcon Congress Chairwoman & Program Manager</i> Mr. Gil Stier, <i>IAEE Administrative Board Chairman, Israel</i></p>

*The Programme is subject to changes

