ALD® Academy of Laser Dentistry

2026

# THE POWER OF LIGHTS
## In Las Vegas

ALD® 33rd YEAR 1993-2026

At the 33rd Academy of Laser Dentistry's

# Annual Conference, Certification & Exhibition

*Includes the World-Renowned SLC Laser Training and Certification Program*

October 15-17, 2026
Las Vegas, NV

Venue: Sahara Las Vegas Hotel

## *Presentations and Workshops in Advanced Dental Laser & Light Therapy Led by Three World-Renowned Organizations*

ALD® Academy of Laser Dentistry

WALT WORLD ASSOCIATION FOR PHOTOBIOMODULATION THERAPY

NAALT North American Association for PhotobiomoduLation Therapy

**Shigeyuki Nagai**
DDS, PhD
**ALD President-Elect & 33rd Annual Conference Chair**

**Reem Hanna**
BDS, PhD, MSc, PG DipSed, PG DipHE, PG Cert.AP, FAHE, FRSM, FIADFE
**Scientific Director & WALT Scientific Sessions Chair**

**Georgios Romanos**
DDS, PhD, Prof Dr med dent
**33rd Annual Conference Scientific Chair**

ALD® Academy of Laser Dentistry

# SCHEDULE AT A GLANCE

ALD® 33rd YEAR 1993-2026

## THURSDAY, OCTOBER 15, 2026

**7:30-8:00am** — Light Breakfast - Clyde Pre-Function

### Thursday Workshops

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 8:00am-5:00pm | *Standard Level Laser Training & Certification Course* | John Graeber, Grace Sun, Arun Darbar, & Lynn Atkinson | Louie I & II |
| 12:30-6:30pm | *Mastering Frenectomy & Soft Tissue Surgery: A Complete Clinical System From Diagnosis to Long-Term Outcomes* | Lawrence Kotlow | Marcel I & II |

**12:30-1:30pm** — Lunch Break - Nikko III & IV

**4:30-6:30pm** — Registration Mix & Mingle - Exhibit Foyer

## FRIDAY, OCTOBER 16, 2026

**7:00-8:00am** — Breakfast - Nikko I & II

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 8:00-8:40am | ***Keynote Lecture:*** *Recent Advances in PBM: From Precision Personalized Care to Policy Updates* | Praveen Arany | Congo II, III, & IV |
| 8:40-9:20am | ***Keynote Lecture:*** *Innovating Flapless Periodontal Surgery Using Er:YAG Laser: Er-LCPT* | Akira Aoki | Congo II, III, & IV |
| 9:20-10:00am | ***Keynote Lecture:*** *Mastering the Parameters of PBM* | Jan Tunér | Congo II, III, & IV |

**10:00-10:30am** — Morning Break - Congo Foyer

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 10:30-10:50am | *Using Lasers to Help Diagnose and Manage Auto-Immune Diseases* | Laura Braswell | Congo II, III, & IV |
| 10:50-11:15am | *Innovative Approaches in Managing Oral Biofilm and Periopathogens Using Laser Therapy* | Kinga Grzech-Leśniak | Congo II, III, & IV |
| 11:20am-12:00pm | *Lasers for the GP and Beyond* | Larry Lieberman | Congo II, III, & IV |
| 12:00-12:30pm | *When Evidence Falls Short: Rethinking How We Interpret Research in Laser Dentistry* | Ali Obeidi | Congo II, III, & IV |

**12:30-1:00pm** — ALD Membership Meeting - Congo II, III, IV

**1:00-2:00pm** — Lunch Break - Nikko III & IV

**1:00-2:00pm** — Poster Sessions - Clyde

### Friday Workshops

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 2:00-6:00pm | *Erbium: Chromium Laser Workshop* | Marina Polonsky | Louie I & II |
| 2:00-6:00pm | *Photobiomodulation in Dentistry* | Grace Sun & Arun Darbar | Congo II, III, & IV |
| 2:00-6:00pm | *Oral Biopsies and the Roles Lasers and Light Technologies Play* | Alfred Wyatt | Albert I |

**6:30-10:30pm** — Awards Reception & Gala Dinner - Nikko Pre-Function, III, & IV

## SATURDAY, OCTOBER 17, 2026

**7:00-8:00am** — Breakfast - Nikko I, II, III, & IV

### Dentist's Track

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 8:00-8:40am | ***Keynote Lecture:*** *The Systematic Effects of PBM Therapy: A Review of Evidence For and Against* | Juanita Anders | Congo II, III, & IV |
| 8:40-9:20am | ***Keynote Lecture:*** *Advances in Laser-Assisted Regenerative Periodontal and Peri-Implant Plastic Surgery* | Homa H. Zadeh | Congo II, III, & IV |
| 9:20-10:00am | ***Keynote Panel:*** *Expert Roundtable: The Evolving Role of PBM in Orofacial, Head, and Neck Care* | J. Chris Castel, Praveen Arany, Liisa Laakso, & Violet Bumah | Congo II, III, & IV |

**10:00-10:30am** — Morning Break - Congo Foyer

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 10:30-10:50am | *Use of Erbium Lasers for Debonding* | Janina Golob Deeb | Congo II, III, & IV |
| 10:55-11:15am | *Laser-Assisted Implantology: Improving Precision, Stability, and Healing in Implant Treatment* | Saleh Anvaria Aria | Congo II, III, & IV |
| 11:20-11:40am | *Thermal Imaging—Monitored At-Home PBM Therapy for Orofacial Inflammatory Processes* | Haitham Elafifi | Congo II, III, & IV |
| 11:45am-12:10pm | *Every Procedure is a Laser Procedure!* | Robin Horton | Congo II, III, & IV |
| 12:15-12:35pm | *Laser Dentistry as a Transformative Educational Tool: Opportunities and Barriers in Academic Integration* | Natalia Elson | Congo II, III, & IV |
| 12:40-1:00pm | *Utilizing PBM to Treat Cancer Symptoms and Cancer Treatment Side Effects* | Mel A. Burchman | Congo II, III, & IV |

**1:00-2:00pm** — Lunch Break - Nikko I, II, III, & IV

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 2:00-2:35pm | *Integrated Photonics-Enhanced Precision Dentistry* | Ambrose Chan | Congo II, III, & IV |
| 2:35-3:05pm | *From Perforation to Preservation: Laser-Assisted Management of a Mandibular Periapical Granuloma* | Mohamed Yehya | Congo II, III, & IV |
| 3:05-3:35pm | *Laser-Assisted Management of Severely Curved Canals to Prevent Ledge Formation* | Md Arifur Rahman | Congo II, III, & IV |

**3:35-4:00pm** — Afternoon Break - Congo Foyer

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 4:00-4:25pm | *Bridging Chairside Laser Therapy & At-Home PBM: An AI-Enhanced Model for Consistency & Compliance* | Alan Kwong Hing | Congo II, III, & IV |
| 4:25-4:45pm | *Combination Laser Therapy—Effectively Using Multiple Wavelengths for Best Overall Treatment Results* | Maki Tanaka | Congo II, III, & IV |
| 4:45-5:10pm | *Laser-Induced Hypoxia of the Post-Extraction Socket to Preserve Bone Volume Without Grafting* | Ernesto Vatteroni | Congo II, III, & IV |

### Hygienist's Track

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 8:00-9:00am | *Illuminating Precision: Understanding Laser Wavelengths in Dental Hygiene* | Alfred Wyatt | Marcel I & II |
| 9:00-10:00am | *The Oral Systemic Connection* | Laura Braswell | Marcel I & II |

**10:00-10:30am** — Morning Break - Congo Foyer

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 10:30-11:45am | *Utilizing PBM to Treat Cancer Symptoms & Cancer Treatment Side Effects* | Mel A. Burchman | Marcel I & II |
| 11:45am-1:00pm | *"Lighting the Way" Photobiomodulation for Healing, Pain, and Health in Hygiene* | Lynn Atkinson | Marcel I & II |

**1:00-2:00pm** — Lunch Break - Nikko I, II, III, & IV

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 2:00-2:45pm | *From Operatory to Educator: The RDH-to-Faculty Journey Through Laser Dentistry and Higher Education* | Laurie Bricker | Marcel I & II |
| 2:45-3:30pm | *Are the Rules and Regulations for Lasers in Dental Hygiene Changing Again?* | Angie Wallace | Marcel I & II |

**3:30-4:00pm** — Afternoon Break - Congo Foyer

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 4:00-5:20pm | *Deferring and Referring with Confidence* | Erin Doffoney | Marcel I & II |

### Saturday Workshops

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 8:00am-5:00pm | *Standard Level Laser Training & Certification Course* | Laura Braswell | Louie I & II |
| 2:00pm-6:00pm | *Diode Laser Workshop: From Fundamentals to Immediate Clinical Implementation* | Ali Obeidi | Albert I |
| 2:00pm-6:00pm | *Elevating Patient Care with Laser Dentistry* | Larry Lieberman | Albert II |
| 2:00pm-6:00pm | *$CO_2$ Laser Workshop* | Georgios E. Romanos | Clyde |

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# SCHEDULE AT A GLANCE

## THURSDAY, OCTOBER 15, 2026

**Light Breakfast - Clyde Pre-Function**

### Thursday Educational Courses

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 8:00-10:00am | ***Room 1:*** *PBM in Supportive Care for Cancer* | René-Jean Bensadoun | Albert I |
| 8:00-10:00am | ***Room 2:*** *PBM in Wound Care* | Praveen Arany | George I |
| 8:00-10:00am | ***Room 3:*** *PBM in Applications in Dentistry* | Reem Hanna & Juanita Anders | George II |
| 8:00-10:00am | ***Room 4:*** *PBM and the Mitochondria* | Lilach Gavish | Clyde |

**10:00-10:30am — Morning Break - Congo Foyer**

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 10:30-12:30pm | ***Room 1:*** *Trials and Research Methodology* | Praveen Arany & Liisa Laakso | Albert I |
| 10:30-12:30pm | ***Room 2:*** *PBM in Musculoskeletal Applications* | Nivaldo Parizotto & Cleber Ferraresi | George I |
| 10:30-12:30pm | ***Room 3:*** *PBM in Neurology* | Paolo Cassano | George II |
| 10:30-12:30pm | ***Room 4:*** *PBM and the Microcirculation: Mechanism and Applications* | Lilach Gavish | Clyde |

**12:30-1:30pm — Lunch Break - Nikko III & IV**

### Thursday Workshops

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 1:30-3:30pm | ***Room 1:*** *AI-Guided Personalized Brain Intervention (PBI): A Live Demo of Real-Time Adaptive PBM* | Lew Lim, Reza Zomorrodi, & Sorenza Bastiaens | Albert I |
| 1:30-3:30pm | ***Room 2:*** *PBM Beyond the Clinic: From Episodic Treatment to a Continuum of Care* | J. Chris Castel, Dawn S. Castel, Violet Bumah, Roberto Pinelli & Liisa Laakso | George I |

**3:30-4:00pm — Afternoon Break - Congo Foyer**

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 4:00-5:30pm | ***Room 1:*** *AI-Guided Personalized Brain Intervention (PBI): A Live Demo of Real-Time Adaptive PBM* | Lew Lim, Reza Zomorrodi, & Sorenza Bastiaens | Albert I |

**4:30-6:30pm — Registration Mix & Mingle - Exhibit Foyer**

## FRIDAY, OCTOBER 16, 2026

**7:00-8:00am — Breakfast - Nikko I & II**

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 8:00-8:40am | ***Keynote Lecture:*** *Recent Advances in PBM: From Precision Personalized Care to Policy Updates* | Praveen Arany | Congo II, III, & IV |
| 8:40-9:20am | ***Keynote Lecture:*** *Innovating Flapless Periodontal Surgery Using Er:YAG Laser: Er-LCPT* | Akira Aoki | Congo II, III, & IV |
| 9:20-10:00am | ***Keynote Lecture:*** *Mastering the Parameters of PBM* | Jan Tunér | Congo II, III, & IV |

**10:00-10:30am — Morning Break - Congo Foyer**

### Plenary Session

**Theme: From Mechanisms to Clinical Practice: Translating PBM Science into Evidence-Based Care** — **Chairs: Nicolette Houreld, Praveen Arany, & Reem Hanna**

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 10:30-10:55am | *Photobiomodulation at 660nm Activates Wnt/β-Catenin Signalling & Enhances Wound Healing* | Nicolette Houreld | Congo I |
| 10:55-11:20am | *Lucia Proprio: Rationalized Cell Lineage & Contextual PBM Responses for Optimal Clinical Treatment Outcomes* | Praveen Arany | Congo I |
| 11:20-11:45pm | *PBM in Cancer Supportive Care: Evidence-Based Indications, Clinical Applications, and Future Perspectives* | René-Jean Bensadoun | Congo I |
| 11:45am-12:10pm | *WALT Position Paper 2026: PBM Therapy for Orofacial Neuropathic Pain—Clinical Practice Guidelines* | Reem Hanna | Congo I |
| 12:10-12:35pm | *Photobiomodulation and Lasers: Are We Treating the Brain?* | Paolo Cassano | Congo I |

**12:35-1:30pm — Lunch Break - Nikko I & II**

**1:30-2:30pm — WALT AGM–Members Only - Congo I**

### Breakout Rooms

**Room 1: PBM in Neurology & Brain Disorders (Part 1)** — **Chairs: Paolo Cassano & Brian Bicknell**

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 2:30-2:45pm | *7 Year Case Studies of PBM Therapy: Patient Commitment to Long-Term Therapy for Parkinson's Disease* | Brian Bicknell | Congo I |
| 2:45-3:00pm | *Transcranial 1064nm Laser PBM Improves Prefrontal Hemodynamics & Cognition in Adults with ADHD* | Farzad Salehpour | Congo I |
| 3:00-3:15pm | *Non-Invasive Blood PBM Reduces ASD Symptoms in Young Children: A Pilot Study* | Daiane Meneguzzo | Congo I |
| 3:15-3:30pm | *Intranasal & Transcranial PBM Traumatic Brain Injury: Translational & Clinical Evidence* | Lew Lim | Congo I |

**3:30-4:00pm — Afternoon Break - Congo Foyer**

**Room 2: PBM in Wound Healing** — **Chairs: Nicolette Houreld & Praveen Arany**

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 2:30-2:45pm | *Advances in Electrospun Nanofibrous Scaffolds & PBM Therapy for Diabetic Wounds* | Sathish Sundar Dhilip Kumar | George I |
| 2:45-3:00pm | *Laser-Stimulated Human Gingival Fibroblasts: Changes in Migration, Secretome Production, & ROS* | Marggie Grajales Ramirez | George I |
| 3:00-3:15pm | *Effects of PBM as Adjunctive Therapy on Pressure Ulcer Healing: A Randomized Clinical Study* | Magda Souza Viana | George I |
| 3:15-3:30pm | *Optimizing Wound Healing Outcomes Using PBM Therapy* | Sara Ciurca | George I |

**Afternoon Break - Congo Foyer**

**Room 3: PBM in Cardiology** — **Chairs: Nivaldo Parizotto & Cleber Ferraresi**

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 2:30-2:45pm | *Acute Effects of Whole-Body PBM on Blood Pressure in Individuals with Hypertension* | Lara Maria Bataglia Espósito | George II |
| 2:45-3:00pm | *Whole-Body PBM in Individuals with Type 2 Diabetes Mellitus & Hypertension* | Cleber Ferraresi | George II |
| 3:00-3:15pm | *Skin Temperature Changes Following Whole-Body PBM in Individuals with Hypertension* | Lara Maria Bataglia Espósito | George II |
| 3:15-3:30pm | *Effects of Vascular PBM as an Adjunct Therapy in the Treatment of Sickle Cell Disease* | Thais Azevedo Reis | George II |

**Afternoon Break - Congo Foyer**

**Room 1: PBM in Neurology & Brain Disorders (Part 2)** — **Chairs: Paolo Cassano & Lew Lim**

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 4:00-4:15pm | *5-Year Follow-Up of PBM in Parkinson's Disease: Exploring Clinical Stability & Microbiome Modulation* | Brian Bicknell | Congo I |
| 4:15-4:30pm | *Home-Based Intranasal & Transcranial PBM for Cognitive Dysfunction in Post-COVID Condition* | Lew Lim | Congo I |
| 4:30-4:45pm | *Improving Aphasia Outcomes with Transcranial PBM Combined with Speech-Language Therapy* | Karla Estrada Rojas | Congo I |
| 4:45-5:00pm | *Mitochondrial Membrane Potential & Mitophagy as Modulators of Light Therapy* | Violet Bumah | Congo I |
| 5:00-5:15pm | *Route-Specific Brain Effects of PBM & Control of Brain-State Dynamics* | Lew Lim | Congo I |
| 5:15-5:30pm | Discussion & Session Closure | | Congo I |

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# SCHEDULE AT A GLANCE

## FRIDAY, OCTOBER 16, 2026

### Friday Breakout Rooms

**Room 2: PBM in Dentistry & Orofacial Disorders** — **Chairs: Chandrashekar Yavagal & Dana York**

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 4:00-4:15pm | *904nm Laser PBM Increases Mitochondrial Membrane Potential in DRG Neurons & Schwann Cells* | Roberta Chow | George I |
| 4:15-4:30pm | *Photobiomodulation Future of Medicine* | Dana York | George I |
| 4:30-4:45pm | *Fast but Not Furious! PBM Therapy in Alleviating Pain & Accelerating Orthodontic Tooth Movement* | Chandrashekar Yavagal | George I |
| 4:45-5:00pm | *Applications of PBM in Periodontal Practice: Case Series* | Janina Golob Deeb | George I |
| 5:00-5:15pm | *Analgesic Outcomes of 650 nm vs. 810 nm Diose Laser PBM After Dental Implant Placement* | Mohamed Yehya | George I |
| 5:15-5:30pm | *PBM Therapy for Management of Post-Treatment Dental Paresthesia* | Saba Khan | George I |

**Room 3: PBM in Supportive Care for Cancer** — **Chairs: René-Jean Bensadoun & Reem Hanna**

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 4:00-4:15pm | *Feasibility & Efficacy of PBM for Radiotherapy-Induced Oral Mucositis & Radiation Dermatitis* | Belinda Mandrell | George II |
| 4:15-4:30pm | *Targeting Oral Neuropathic Pain with PBM: Mechanisms, Applications, & Cancer Supportive Care* | Reem Hanna | George II |
| 4:30-4:45pm | *PBM in Breast Cancer-Related Lymphoedema: Effects on Limb Volume & Quality of Life* | Kate Perkins | George II |
| 4:45-5:00pm | *Impact of PBM on Oral Mucositis, Pain, & Microbiota in Head & Neck Cancer Patients* | Iasmym Mendes de Jesus | George II |
| 5:00-5:15pm | *Clinical & Economic Benefits of PBM for Oral Mucositis: Reduced Pain, Opioid Use, Hospitalisation, & Cost* | James Carroll | George II |
| 5:15-5:30pm | *Timing of PBM in Head & Neck Radiotherapy: Impact on Radiation-Induced Fibrosis* | Kate Perkins | George II |

**6:30-10:30pm** — **Awards Reception & Gala Dinner - Nikko Pre-Function, III, & IV**

## SATURDAY, OCTOBER 17, 2026

**7:00-8:00am** — **Breakfast - Nikko I, II, III, & IV**

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 8:00-8:40am | ***Keynote Lecture:*** *The Systematic Effects of PBM Therapy: A Review of Evidence For and Against* | Juanita Anders | Congo II, III, & IV |
| 8:40-9:20am | ***Keynote Lecture:*** *Advances in Laser-Assisted Regenerative Periodontal and Peri-Implant Plastic Surgery* | Homa H. Zadeh | Congo II, III, & IV |
| 9:20-10:00am | ***Keynote Panel:*** *Expert Roundtable: The Evolving Role of PBM in Orofacial, Head, and Neck Care* | J. Chris Castel, Praveen Arany, Violet Bumah, & Liisa Laakso | Congo II, III, & IV |

**10:00-10:30am** — **Morning Break - Congo Foyer**

### Plenary Session

**Theme: Advancing Precision PBM: Innovation, Regeneration, & Intelligent Clinical Translation** — **Chairs: Liisa Laakso, Heidi Abrahamse, & Nivaldo Parizotto**

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 10:30-10:55am | *Effects of Resistance Training With/Without PBM on Muscle & Respiratory Function in Asthma* | Nivaldo Parizotto | Congo I |
| 10:55-11:20am | *Artifical Intelligence as a Framework for Precision PBM Dosing* | Liisa Laakso | Congo I |
| 11:20-11:45pm | *PBM Promotes Tenogenic Fate in Adipose Mesenchymal Stem Cells in 3D Hydrogels* | Heidi Abrahamse | Congo I |
| 11:45am-12:10pm | *PBM Combined with Dynamic Thermal Imaging: Functional Assessment of Microvascular Responses* | Lilach Gavish | Congo I |
| 12:10-12:35pm | *PBM Regulates Neural Organoid Formation from Adipose-Derived Stem Cells in a 3D Culture Model* | Anine Crous | Congo I |
| 12:35-1:00pm | *Mechanisms of Effectiveness of PBM on Somatosensory Neurons & The Peripheral Nervous System* | Roberta Chow | Congo I |

**1:00-2:00pm** — **Lunch Break - Nikko I, II, III, & IV**

### Breakout Rooms

**Room 1: PBM in Basic Science** — **Chairs: Reem Hanna & Anine Crous**

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 2:00-2:15pm | *Standardized PBM Dosimetry Enhances Bone Regeneration in Critical-Size Calvarial Defects* | Reem Hanna | Congo I |
| 2:15-2:30pm | *Optimizing PBM to Enhance Smooth Muscle Differentiation of Adipose-Derived Stem Cells in a 2D Model* | Blassan George | Congo I |
| 2:30-2:45pm | *Dose-Dependent Effects of 1064 nm PBM on Human Tenocyte & Bursa-Derived Cell Proliferation* | Zachary W. Sigman | Congo I |
| 2:45-3:00pm | *976 nm Diode Laser PBM Enhances Osteoblastic Differentiation of Saos-2 Cells on Collagen Membranes* | Marggie Grajales Ramirez | Congo I |
| 3:00-3:15pm | *AI as a Dosimetry Engine in Cross-Platform PBM: Predictive Modeling & Adaptive Protocol Design* | Alan Kwong Hing | Congo I |
| 3:15-3:30pm | *Near-Infrared PBM Improves Brain & Cardiovascular Function in an Alzheimer's Mouse Model* | Olga Fedorova | Congo I |

**3:30-4:00pm** — **Afternoon Break - Congo Foyer**

**Room 2: PBM in Metabolic & Endocrine Disorders** — **Chairs: Liisa Laakso & Ann Liebert**

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 2:00-2:15pm | *Does PBM Reduce Extraintestinal Manifestations & Influence the Gut Microbiome in Young Adults with IBD?* | Liisa Laakso | George I & II |
| 2:15-2:30pm | *PBM in Kidney Disease: From Bench to Bedside* | Ann Liebert | George I & II |
| 2:30-2:45pm | *PBM in Chronic Autoimmune Thyroiditis: Glutathione Modulation & Clinical Outcomes* | Venera Berisha-Muharremi | George I & II |
| 2:45-3:00pm | *Acute Effects of Whole-Body PBM on Glycaemic Control in Individuals with Diabetes Type 2* | Cleber Ferraresi | George I & II |
| 3:00-3:15pm | *Accelerated Reversal of Metabolic Syndrome with Adjunct Phototherapy* | Denis J. Gendron | George I & II |
| 3:15-3:30pm | Closing Remarks | | |

**3:30-4:00pm** — **Afternoon Break - Congo Foyer**

**Room 1: PBM in Musculoskeletal Applications** — **Chairs: Nivaldo Parizotto & Lilach Gavish**

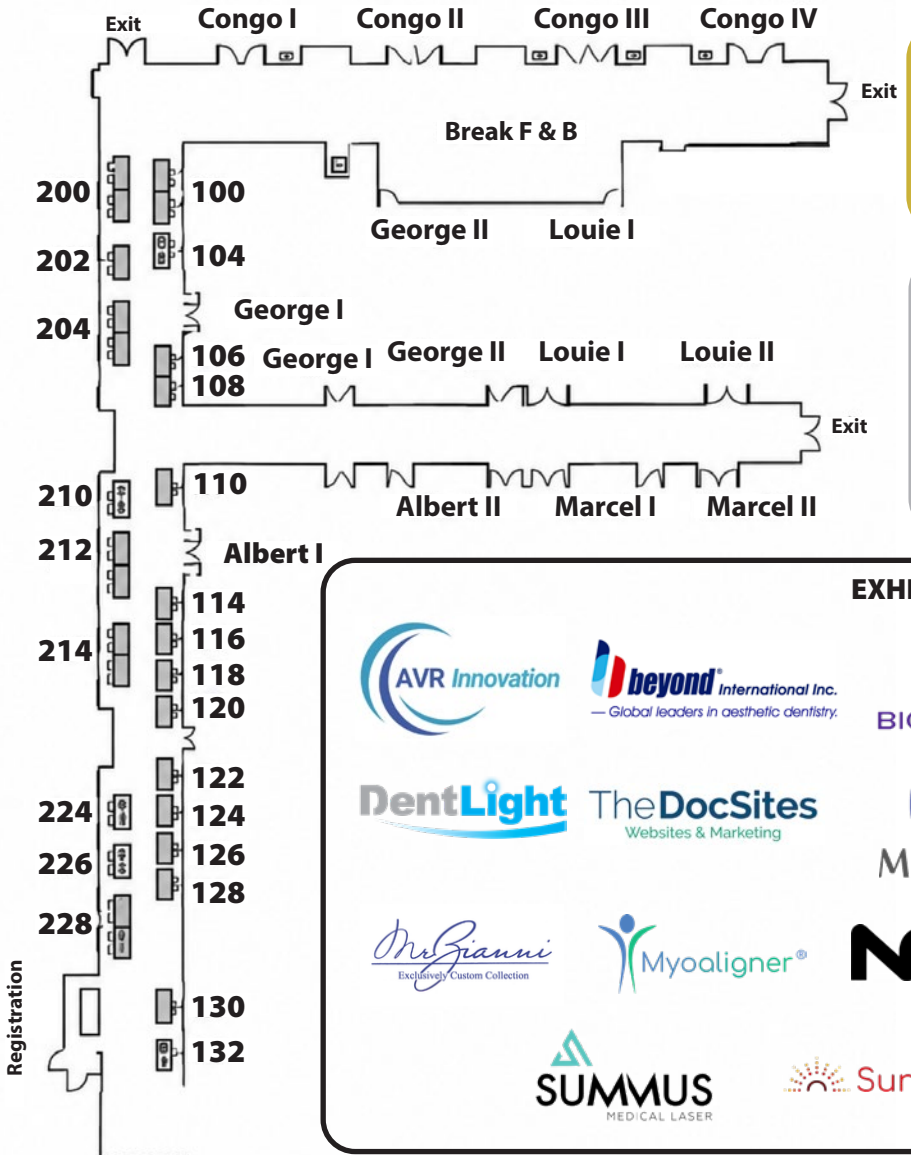
| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 4:00-4:15pm | *PBM Therapy for Knee Osteoarthritis Applications Using a Novel Wearable PBM Device* | Liisa Laakso | Congo I |
| 4:15-4:30pm | *Self-Applied Home-Use PBM Therapy Reduces Pain in Patients with Knee Osteoarthritis* | Lilach Gavish | Congo I |
| 4:30-4:45pm | *Effect of PBM Therapy on Disability and Function in Low Back Pain* | Cleber Ferraresi | Congo I |
| 4:45-5:00pm | *Observational Study on the Use of PBM Lightforce Device in 227 Cases of Musculoskeletal Disorders* | Karim Kleiber | Congo I |
| 5:00-5:15pm | *PBM in Diabetes: Targeting Neurovascular Dysfunction for Tissue Regeneration* | Victória Regina da Silva Oliveira | Congo I |

**Room 2: PBM in Health, Performance, & Longevity** — **Chairs: James Carroll & Scot Faulkner**

| TIME | TITLE | SPEAKER | ROOM |
|---|---|---|---|
| 4:00-4:15pm | *Effects of PBM on Heart Rate, HRV, $VO_2$ Max, Sleep Quality, & Longevity* | James Carroll | George I & II |
| 4:15-4:30pm | *PBM in Complex Female Infertility: A Case Report with 12-Month Follow-Up & Mechanistic Review* | Ruth Phypers | George I & II |
| 4:30-4:45pm | *Diode Laser Assisted Facial Lifting: A New Technical & Case Report* | Pilar Blanco | George I & II |
| 4:45-5:00pm | *Why I Do Not Believe Your Dose: Beam Power, Beam Area, Irradiance, & Reproducibility in PBM* | James Carroll | George I & II |
| 5:00-5:15pm | *The Role of Dental Sleep Medicine in the Detection, Assessment, & Management of Obstructive Sleep Apnea* | Pilar Blanco | George I & II |

**5:15-5:30pm** — **WALT Award for Best Young Investigator Presentation - Congo I**

# EXHIBITORS & SPONSORS TABLE ASSIGNMENTS

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| Biolase | 100 | Gold |
| Vielight | 200 | Gold |
| Cutting Edge Laser Technologies | 214 | Silver |
| Fotona | 204 | Silver |
| Lightmed Corporation | 106 | Silver |
| Mid-America Dental Sales, Inc. | 104 | Silver |

## EXHIBITORS

| Company | Table |
|---|---|
| AVR Innovation | 128 |
| Beyond International | 120 |
| Biosense Medical | 228 |
| CareWear Corp. | 124 |
| DEKA Dental Lasers | 110 |
| DentLight, Inc. | 114 |
| The DocSites | 202 |
| J. Morita | 126 |
| Light Instruments | 210 |
| Medency | 212A |
| MyoAligner | 224 |
| NOA Firm | 226 |
| Oral IQ | 212 |
| Shofu Dental Corporation | 108 |
| Summus Medical Laser | 116 |
| SunPower LED | 130 |
| Woodpecker | 122 |
| Zianni Suits | 118 |

2027

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Academy of Laser Dentistry

ALD® 34th YEAR 1993-2027

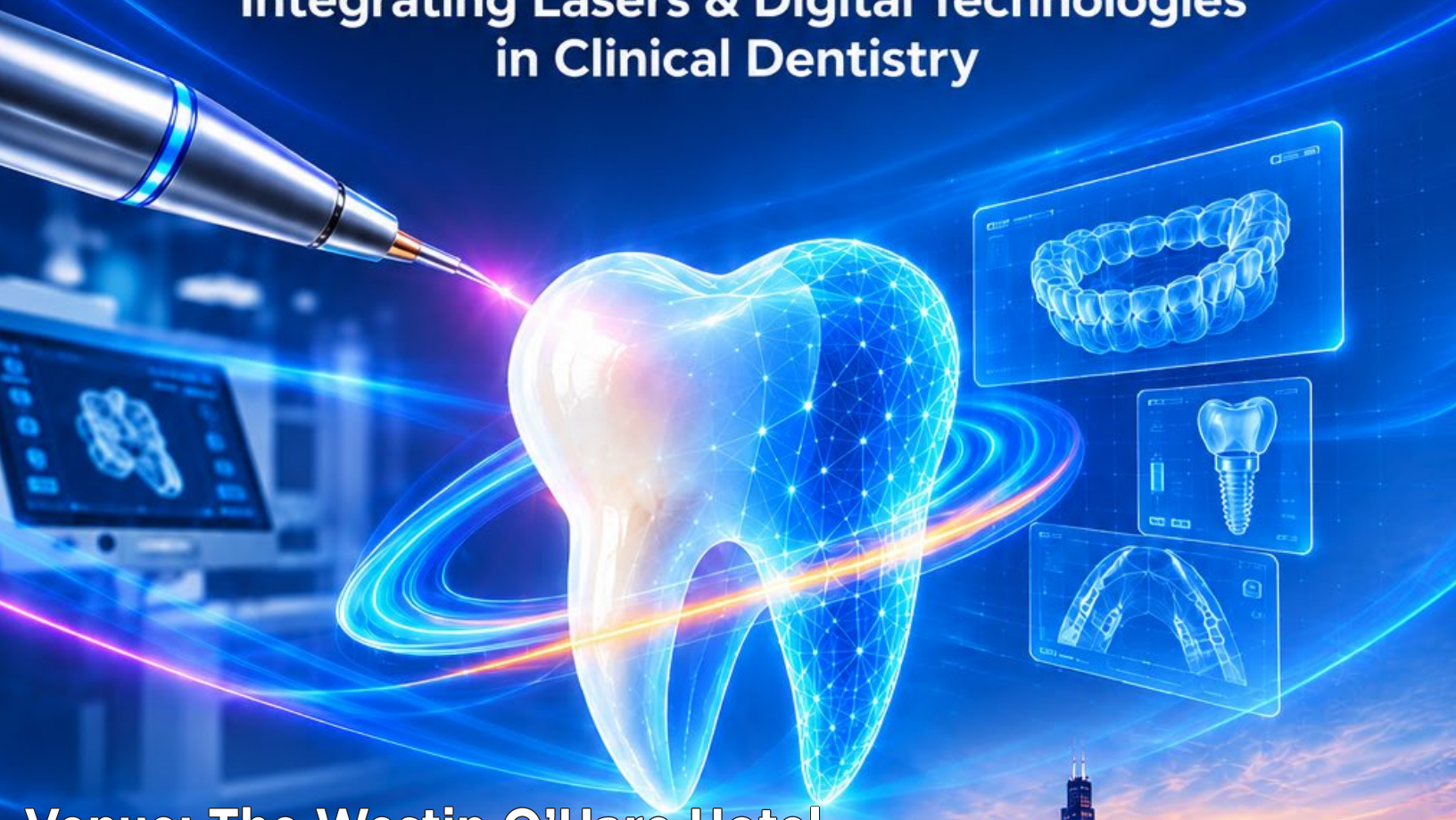
# Academy of Laser Dentistry

## 34th ALD Annual Conference & Certification

**September 23-25, 2027 • Chicago, IL**

# LASER SYNERGY

**Integrating Lasers & Digital Technologies in Clinical Dentistry**



**Venue: The Westin O'Hare Hotel**

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