

**OFFICIALLY CONFIRMED:  
IN 2024, THE WORLD OF  
LASER TECHNOLOGY  
WILL MEET IN BRAZIL**



**WFLD 2024  
SÃO PAULO  
BRAZIL, NOV 11-13**

**THE 18th CONGRESS OF THE WORLD  
FEDERATION FOR LASER DENTISTRY**

**DENTISTRY REACHES NEW PATHS WITH LASER TECHNOLOGIES.**

**CORPORATE PARTICIPATION – PROPOSAL DETAILS**



## Organizing Committee

**President:** Aldo Brugnera Junior  
**Scientific Chairman:** Jamil Shibli  
**Honorary President:** Samir Namour

### International Advisory Committee

**Coordinator:** Akira Aoki (Japan)  
Adriana Barylyak (Ukraine)  
Ambrose Chan (Australia)  
Antoni Espana (Spain)  
Arany Praveen (USA)  
Bennete Fernandes (Malaysia)  
Carmen Todea (Romania)  
Chu Chun Hung (Hong Kong SAR)  
Chukuka Enwemeka (USA)  
Gerard Rey (France)  
Hernán Giraldo (Colombia)  
Jizhi Zhao (China)  
Josep Arnabat (Spain)  
Juliya Cherepinska (Ukraine)  
Kinga Grzech-Lesniak (Poland)  
Konstantinos Valamvanos (Greece)  
Li Qian (China)  
Luis Monteiro (Portugal)  
Paul Nahas (Lebanon)  
Paolo Vescovi (Italy)  
Roger Bassit (Lebanon)  
Sajee Sattayut (Thailand)

Sonia Aykroyd (USA)  
Thao Thi Do (Vietnam)  
Toni Zeinoun (Lebanon)  
Umberto Romeo (Italy)  
Vanderlei Bagnato (USA)

### National Committee

#### Scientific program

**Coordinator:** Patrícia Freitas (Fosp)  
**Advisors:** Alberto Blay (Ipen)  
Fátima Zanin (UFRJ)  
Jesus Djalma Pécora (Forp-USP)  
Leticia Theodoro (Unesp)  
Marleny Gerbi (UFF)  
Sandra Kalil Bussadori (Uninove)  
Valdir Gouveia Garcia (Unesp)

### Evaluation Committee

**“Prof. Dr. Jesus Djalma Pécora Award” Panel**  
**Coordinator:** Alessandra Cassoni (USJT)  
**Consultants:** Alessandra Rastelli de Souza (Unesp)  
Cristina Chavantes (Uninove)

Denise Zezell (Ipen-USP)  
Lara Motta (Uninove)  
Luciane Azevedo (Fosp)  
Sérgio Gonçalves (Unesp)

### Oral Presentation

#### “Prof. Dr. Valdir Gouveia Garcia Award”

**Coordinator:** Leonardo Faverani (Unesp)  
**Advisors:** Alyne Simões (USP)  
Ana Carolina Horliana (Uninove)  
Antonio Pinheiro (UFBA)  
Eric Mayer (Fosp)  
Lívia Tosi Trevelin (Fosp)  
Marcus Ferreira (UFMG)

### Reception Committee

**Coordinator:** Ana Paula Brugnera (Univ. of Liège)  
**Advisors:** Ana Paula Tanko (FICSAE, CTA)  
Marcela di Mauro (Unicamp)  
Marcia Vidor (Ipen-USP)  
Mateus Windlin (Ipen-USP)  
Valéria Mendes (Ipen-USP)  
Vitor Panhóca (IFSC-USP)



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## First national and international speakers confirmed:



Akira Aoki  
*(Japan)*



Alberto Blay



Aldo Brugnera Jr.



Alessandra Cassoni



Alessandra Rastelli



Alyne Simões



Ambrose Chan  
*(Australia)*



Ana Paula Tanko



Ana Paula Brugnera



Antoni Espana  
*(Spain)*



Antonio Pinheiro



Blagovesta Yaneva  
*(Bulgaria)*



Carlos de Paula  
Eduardo



Carmen Todea  
*(Romania)*



Chukuka Enwemeka  
*(USA)*



Cristina Chavantes



Daiane T. Meneguzzo



Denise Zezell



Eric Mayer



Fabiane Lopes Olhê



Fatima Zanin



Hernán Giraldo  
*(Colombia)*



Hiroshi Kadokura  
*(Japan)*



Josep Arnabat  
*(Spain)*



Kinga Grzech-Leśniak  
*(Poland)*



Lara Motta



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## First national and international speakers confirmed:



Leonardo P. Faverani



Letícia Theodoro



Livia Tosi Trevelin



Luciane Azevedo



Marcia M. Vidor



Marcus Ferreira



Marleny Gerbi



Marzena Dominiak  
*(Poland)*



Mateus Windlin



Paolo Vescovi  
*(Italy)*



Rosely Cordon



Sajee Sattayut  
*(Thailand)*



Samir Namour  
*(Belgium)*



Sandra Kalil  
Bussadori



Sérgio Araújo  
Andrade



Sergio Gonçalves



Sonia Aykroyd  
*(USA)*



Susana Teitelbaum  
*(Uruguay)*



Tomasz Gedrange  
*(Poland)*



Toni Zeinoun  
*(Lebanon)*



Umberto Romeo  
*(Italy)*



Valdir G. Garcia



Valeria Mendes



Vanderlei Bagnato  
*(USA)*



Vitor Hugo Panhóca



## First themes confirmed

- Er:YAG laser in dental esthetics: innovation in clinical use based on scientific evidence.
- Interaction between high-power laser and dental tissue related to caries prevention.
- Antimicrobial photodynamic therapy on oral pathogens.
- Laser and PDT in the management of orofacial complications in cancer patients: from basic research to clinical practice.
- The ideal use of photonics in endodontic treatment.
- Laser interaction in the facial morpho functional approach.
- Tissue responses to phototherapy.
- Dental aesthetics and lasers as adjuncts in treatments.
- The prevalence of lasers in implant dentistry; surgical lasers versus photomodulation.
- The potential uses of blue light in oral disinfection.
- Unusual applications of laser therapy in medical specialties.
- ILIB – blood photobiomodulation.
- Can the Erbium laser always be used safely?
- New trends in Er:YAG laser in Aesthetic Restorative Dentistry.
- Use of the laser in contemporary endodontics.
- Laser debonding of ceramic restorations. The current reality.
- How can we improve our endodontic treatment with lasers? Minimally invasive treatments with maximum efficiency.
- Laser and periodontitis - minimizing the complications of periodontitis through optimal management of the oral microbiome with lasers.
- The effect of photobiomodulation on sleep quality.
- Can photodynamic therapy improve clinical outcomes in osteonecrosis of the jaws? Looking for evidence.
- Photodynamic therapy in the treatment of periodontal disease.
- The use of the Er:Yag laser in restorative dentistry.
- High-power lasers in pediatric dentistry.
- Advantages of high-power lasers in daily esthetic dentistry practice.
- From babies to elderly patients - how can diode laser surgery transform your dental practice?
- The impact of artificial intelligence on laser photobiomodulation research.



## First themes confirmed

- Thermal, morphological and optical analysis of dental enamel after removal of ceramic laminates with Er:YAG laser.
- Laser and cross-linked hyaluronic acid (xHyA): a new regenerative approach for jawbone and mucosa in oral surgery.
- Biophotonics as a path to integrative health and well-being - present and future.
- Laser therapy for the prevention of oral cancer.
- Contribution and added value of laser technology in oral surgery and peri-implantitis.
- Antimicrobial photodynamic therapy for the treatment of halitosis - clinical protocols.
- Wide-field optical fluorescence in dentistry: where we have come from and where we need to go.
- Dentin adhesion with the Nd:YAG laser.
- Laser and energy-based devices in orofacial aesthetics.
- The impact of photobiomodulation therapy on cancer patients.
- Effect of rh-BMP-2 on the initiation of neovascularization in human gingival tissue: a split-mouth clinical study.
- Blue diode laser (445 nm) during oral soft tissue surgery: clinical and histological aspects.
- Effects of photobiomodulation therapy in areas treated with biomaterial.
- High-intensity pulsed lasers in non-ablative mode in the treatment of sleep-disordered breathing.
- Orofacial pain (OPD) and temporomandibular dysfunction (TMD): new studies break boundaries and expand into different specialties in the health sector.
- Current status of Er:YAG laser in periodontal surgery
- The power of Laser: transforming clinical and industrial practices over two decades
- Integrative dentistry and laser technology: advances in the personalization and efficacy of dental treatment
- Er:YAG and Er,Cr:YSGG lasers in restorative dentistry
- Why to perform Er:YAG laser-assisted periodontal treatment?
- Hemolasertherapy: new trends in photobiomodulation and tissue engineering in gingival and bone regeneration
- Laser irradiation can induce bone formation and bone resorption depending on the energy
- Usefulness lasers for personalized bone reconstruction in case of orthodontic treatment

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— CENTRO DE CONVENÇÕES REBOUÇAS —

Promotion



Institutional supporting



CONSELHO  
FEDERAL DE  
ODONTOLOGIA



CONSELHO REGIONAL  
DE ODONTOLOGIA  
DE SÃO PAULO



Realization

