



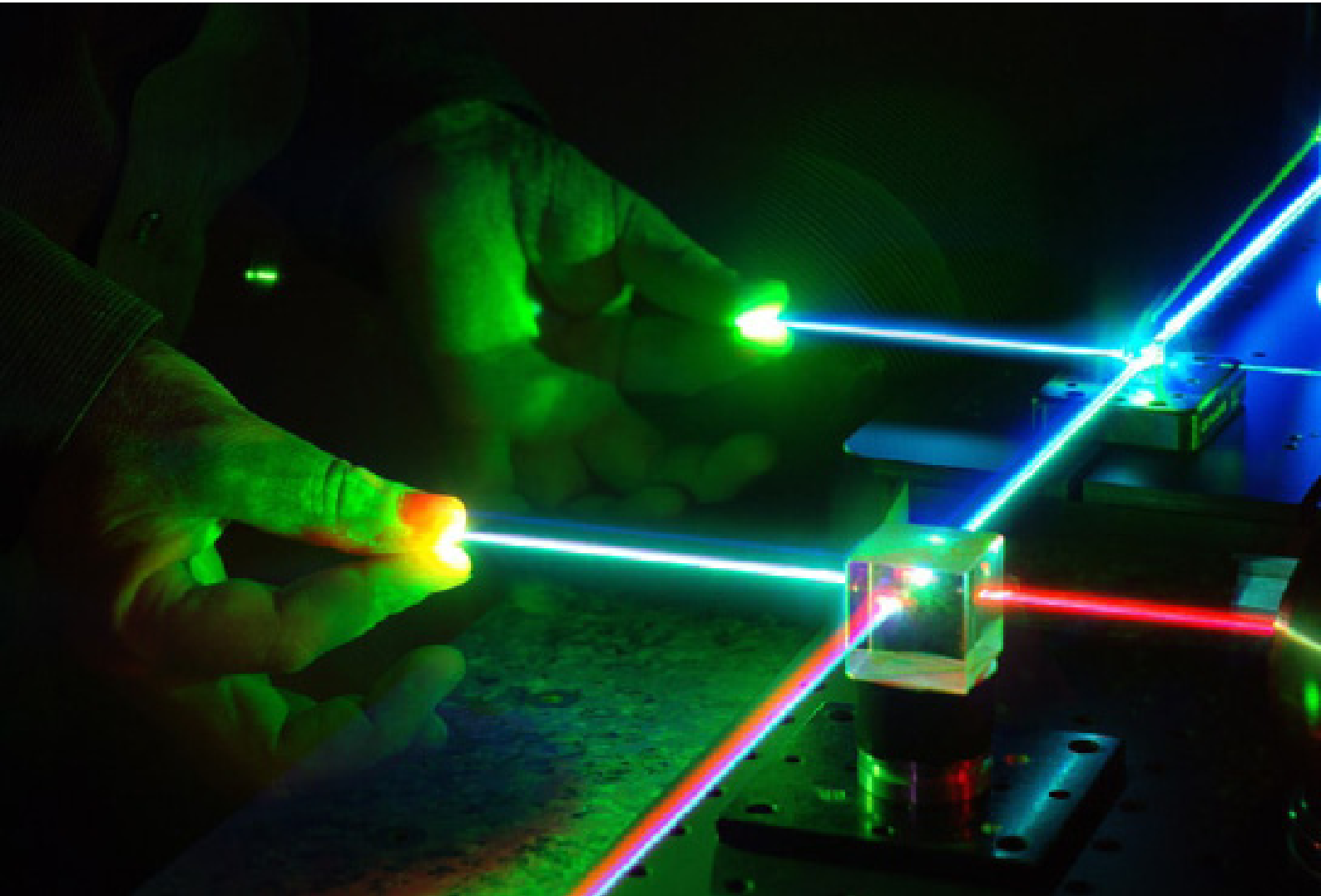
**Linkin
Science**

Exploring & Connecting Science

Tentative Agenda

Virtual Online Conference on ADVANCEMENTS OF LASERS, OPTICS & PHOTONICS

September 02-03, 2020



HOSTING ORGANIZATION

Linkin Science Pvt. Ltd

649 Mission St. 5th Floor, San Francisco, CA 94105, USA

Ph: +1 (415) 704-1402 | www.linkinscience.com | contact@linkinscience.com

SCIENTIFIC PROGRAM

Day 1 September 02, 2020

EDT Time Zone

09:00 -09:30 Welcome Introduction of the conference

Oral Presentations

09:30-09:55 **Title: Monitoring and Diagnosis of the Process of Shrinkage and Crack Formation in Concrete Using Holographic Interferometry**
Giorgi Dalakishvili, Georgian Technical University, Georgia

09:55-10:20 **Title: Special Profiling of the Incident Radiation Flux as an Interesting New Direction in Photoelectronics**
Viacheslav Kholodnov, Russian Technological University, Russia

10:20-10:45 **Title: Polarization handling devices in high density silicon photonic integrated circuits**
Francesco Dell'Olio, Polytechnic University of Bari, Italy

10:45-11:10 **Title: InAs/InP Quantum Dot Multi Wavelength Lasers and their applications in Terabit/s Networking Systems**
Zhenguo Lu, Advanced Electronics and Photonics Research Centre,
National Research Council Canada, Canada

11:10-11:35 **Title: Non-dispersing Trojan-like wavepackets on Langmuir type-(2) click-clack balls oscillatory model trajectories in Helium atom and Quantum dots**
Matt Kalinski, Utah State University, USA

Special Session

11:35-12:00 **Title: Quantum Oil Refinery: a viable path to meet the Paris Target?**
Denis Gendron, Claire Lasers Corporation, Canada

Break Out Session/ Networking Lounge 15 mins

Poster Presentations

12:15-12:30 Title: Photophoresis-based Laser Guiding of Airborne Microparticles Using Structured Laser Beams

Alexey Porfirev, FSRC “Crystallography and Photonics” RAS, Russia

12:30-12:45 Title: Association of trichloroacetic acid peel with Photobiomodulation in the treatment of cutaneous hand Photoaging: A controlled, randomized and double-blind Clinical trial

Marcos Momolli, UNINOVE – Nove de Julho University, Brazil

12:45-13:00 Title: Catalase gene expression in UVA exposed keratinocytes post treated with vegetal extracts and Photobiomodulation

Gabriela Benedito Machado, UNINOVE – Nove de Julho University, Brazil

13:00-13:15 Title: The association of photobiomodulation and low-frequency ultrasound in reduction of localized fat: a study protocol

Michelle Sena, UNINOVE – Nove de Julho University, Brazil

13:15-13:30 Title: Antimicrobial Photodynamic Therapy in Candida albicans using methylene blue in water and associated with sodium dodecyl sulfate: a dosimetry study

José Marcelo Lacerda Alves Gonçalves, UNINOVE – Nove de Julho University, Brazil

13:30-13:45 Title: Study Protocol for the use of Photobiomodulation with Red or Infrared LED on waist circumference reduction: A randomized, double-blind clinical trial

Marcelo Marreira, UNINOVE – Nove de Julho University, Brazil

13:45-14:00 Title: Comparative study between photodynamic therapy with Urucum + Led and probiotics in halitosis reduction – protocol for a controlled clinical trial

Pamella Motta, UNINOVE – Nove de Julho University, Brazil

14:00-14:15 Title: Photobiomodulation on IL-6 and TNF- α synthesis of myoblasts cultivated in M1 macrophage-conditioned media

Tainá Caroline Santos, UNINOVE – Nove de Julho University, Brazil

14:15-14:30 Title: Photobiomodulation after third molar extraction: A systematic review for cost-effectiveness protocol

Thalita Campos, UNINOVE – Nove de Julho University, Brazil

14:30-14:45 Title: Evaluation of the photodynamic effect mediated by methylene blue in surfactant vehicle for the adjuvant treatment of periodontal disease: randomized, controlled, and double-blind clinical trial

Claudio Kassa, UNINOVE – Nove de Julho University, Brazil

Break Out Session/ Networking Lounge 15 mins

15:00-15:15 Title: Effect of antimicrobial photodynamic therapy on periodonto pathogen - In vitro study

Bianca Miranda, UNINOVE – Nove de Julho University, Brazil

15:15-15:30 Title: Association of photobiomodulation and intralesional injection of coritcoid in the pre and postoperative of keloid surgery: double-blind, randomized controlled trail protocol

Jefferson Pires, UNINOVE – Nove de Julho University, Brazil

15:30-15:45 Title: Does LEDs conditioning treatment improve mesenchymal stem cells metabolism and paracrine effects?

Bárbara Sampaio Dias Martins Mansano, UNINOVE – Nove de Julho University, Brazil

15:45-16:00 Title: Effects of Antimicrobial Photodynamic Therapy (aPDT) in the nasal decolonization of dialytic chronic renal patients, Staphylococcus Aureus carriers: controlled blind randomized clinical study

Daniella Teixeira Bezerra, UNINOVE – Nove de Julho University, Brazil

16:00-16:15 Title: Effect of photobiomodulation on angiogenesis and arteriogenesis in an experimental model of lower member ischemia

Silvana Perez, UNINOVE – Nove de Julho University, Brazil

16:15-16:30 Title: Evaluation of photobiomodulation in salivary glands in patients with xerostomy induced by anti-hypertensive drugs

Maria Lucia Zarvos Varellis, UNINOVE – Nove de Julho University, Brazil

16:30-16:45 Title: Photobiomodulation therapy associated with the use of carbon biomaterial impregnated with silver nanoparticles in the promotion of bone repair with infection control

Ayres Fernando Rodrigues, UNINOVE – Nove de Julho University, Brazil

16:45-17:00 Title: Photodynamic Therapy Efficiency and Scaling in Gingivitis Facilitated by the Use of Fixed Orthodontic Appliances: A Randomized Double-blind Controlled Clinical Trial

Ellen Perim Rosa, UNINOVE – Nove de Julho University, Brazil

17:00-17:15 Title: Photodynamic therapy for squamous cell carcinoma of the head and neck: a systematic review

Ana Melissa Ccopa Ibarra, UNINOVE – Nove de Julho University, Brazil

08:30 -08:45 Welcome Introduction of 2nd Day conference

Oral Presentations

08:45-09:10 Title: Laser cooling of the Yb³⁺-doped YAG crystal

Biao Zhong, East China Normal University, China

09:10-09:35 Title: High power/energy optics

Victor V. Apollonov, Prokhorov General Physics Institute, Russia

Poster Presentations

09:35-09:50 Title: Cellular quantum entanglement oscillations

Vahideh Boroojerdi, Tabriz University, Iran

09:50-10:05 Title: Treatment of herpes simplex labialis with antimicrobial photodynamic therapy: prospective, randomized and double-blind clinical trial with 12 months follow up

Andreia La Selva, UNINOVE – Nove de Julho University, Brazil

10:05-10:20 Title: Efficacy of photodynamic therapy for pericoronitis treatment: a controlled, randomized, double-blind clinical trial

Tânia Schalch, UNINOVE – Nove de Julho University, Brazil

10:20-10:35 Title: Photobiomodulation and orthodontic movement of molar verticalization: a randomized double-blind study

Felipe Murakami Malaquias Silva, UNINOVE – Nove de Julho University, Brazil

10:35-10:50 Title: Comparison between Two frequencies of application of photobiomodulation in facial rejuvenation

Erick Frank Bragato, UNINOVE – Nove de Julho University, Brazil

10:50-11:05 Title: Validation of the reliability of the optical fluorescence method for the diagnosis of dental biofilm in young permanent molars: A randomized controlled clinical trial

Juliana Terra Fernandes, UNINOVE – Nove de Julho University, Brazil

11:05-11:20 Title: Effect of photobiomodulation on vulvovaginal atrophy in women in post-menopause: a randomized and controlled trial

Marina Guerra, UNINOVE – Nove de Julho University, Brazil

Break Out Session/ Networking Lounge 15 mins

11:35-11:50 Title: Evaluation of the effects of high powered laser and electrocautery in lingual frenotomy surgeries in infants - blind randomized controlled clinical study

Adriana Mazzoni, UNINOVE – Nove de Julho University, Brazil

11:50-12:05 Title: Photobiomodulation modulates IL-6 and TNF- α expression during the compensatory hypertrophy process in skeletal muscle

Andréia Martinelli de Siqueira Araujo, UNINOVE – Nove de Julho University, Brazil

12:05-12:20 Title: In vitro study of COPD caused by smoking: effect of photobiomodulation 4associated with mesenchymal stem cells on the release of inflammatory mediators

Stephanie Soares, UNINOVE – Nove de Julho University, Brazil

12:20-12:35 Title: Transcutaneous systemic photobiomodulation ameliorates the lung inflammation induced by sepsis

Paula Tatiane Alonso, UNINOVE – Nove de Julho University, Brazil

12:35-12:50 Title: Effects of photobiomodulation preconditioning in third molar surgeries

Erika da Silva Mello, UNINOVE – Nove de Julho University, Brazil

12:50-13:05 Title: Photobiomodulation effect on the production of cytokines used in Oral Lichen Planus pathogenesis

Eloiza Calheiros, UNINOVE – Nove de Julho University, Brazil

13:05-13:20 Title: Comparative clinical study of the blue, red and combined Led in inflammatory acne

Mara Lúcia Diogo, UNINOVE – Nove de Julho University, Brazil

13:20-13:35 Title: Evaluation of the influence of the culture medium in the effect antimicrobial blue light therapy on periodontopathogens

Luciana Salviatto, UNINOVE – Nove de Julho University, Brazil

13:35-13:50 Title: Effect of apical periodontitis in experimental asthma model

Juliana Hironaka, UNINOVE – Nove de Julho University, Brazil

13:50-14:05 Title: Photobiomodulation treatment ameliorates allergic lung disease mediated by reduced mast cell degranulation

Simone klein martins, UNINOVE – Nove de Julho University, Brazil

Break Out Session/ Networking Lounge 15 mins

14:20-14:35 Title: Evaluation of the effects of photobiomodulation on pain, edema, paresthesia and bone regeneration following surgical maxillary disjunction: protocol for a randomized controlled double-blind clinical trial

Eduardo Vasques da Fonseca, UNINOVE – Nove de Julho University, Brazil

14:35-14:50 Title: Effect of photobiomodulation on soft tissue traumatic injuries: double-blind randomized controlled clinical trial

Frederico Jana Neto, UNINOVE – Nove de Julho University, Brazil

14:50-15:05 Title: Analysis of the parameters of the Er: YAG Laser on the surface topography and mechanical properties of Zirconia

Alexandre Morais, UNINOVE – Nove de Julho University, Brazil

15:05-15:20 Title: Effect of photobiomodulation and its combination with corticosteroid in an experimental model of chronic pulmonary inflammation

Cristiano Rodrigo Alvarenga Nascimento, UNINOVE – Nove de Julho University, Brazil

15:20-15:35 Title: Photobiomodulation associated with FITOSCAR® in the Treatment of Fournier's Gangrene: Case Report

Rita De Ferreira, UNINOVE – Nove de Julho University, Brazil

15:35-15:50 Title: Photobiomodulation reduces lung function in experimental model of asthma by ALTERS NITRIC OXIDE/EICOSANOIDS relationship

Robson Brochetti, UNINOVE – Nove de Julho University, Brazil

15:50-16:05 Title: Evaluation of cellular viability after photodynamic therapy in oral squamous cell carcinoma

Marlene Ferreira, UNINOVE – Nove de Julho University, Brazil

16:05-16:20 Title: Changes in masticatory muscle activity in children with cerebral palsy; Systematic review protocol

Rafael Beltramin, UNINOVE – Nove de Julho University, Brazil

16:20-16:35 Title: Effectiveness and safety of photobiomodulation for treating masticatory muscle spasticity in children with cerebral palsy; Systematic review

Monise Rocha, UNINOVE – Nove de Julho University, Brazil

16:35-16:50 Title: Evaluation of cancer stem cell subpopulations in oral squamous cell carcinoma after photodynamic therapy

Angela Molon, UNINOVE – Nove de Julho University, Brazil