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Welcome Address and Committees

Dear colleagues,

I’m very proud to announce that the 1st Oral Implantology World Congress will take place in Paris under the auspices of Paris Descartes university. Welcome to Paris on the 2nd of July for an exceptional meeting and unforgettable occasion. I am waiting for you July 2-4, 2014 in Paris.

Pr Louis MAMAN
DDS, PHD, DEAN, FACULTY OF ODONTOLOGY, PARIS DESCARTES UNIVERSITY

Dear colleagues,

It is a great honour to announce that the 1st Oral Implantology World Congress will take place in Paris on July 2nd, 2014. As the patients are getting older, the treatments are becoming more complex. The decision to establish a dental implant strategy is a crucial issue for general practitioners and specialists. The aim of this academic congress is to propose a clinical and practical approach of dental implant planning, but also how to deal with maxillar bone resorption and decision making for an anterior tooth replacement. Highly skilled worldwide clinicians will be discussing these topics. Meanwhile, the world’s leading companies will be present in a large trade exhibition. Enlight your practice with implants while visiting Paris “la ville lumière” on July 2014.

Pr Frédérick Gaultier, DDS, PhD
PRESIDENT OF THE OIWC CONGRESS AND WFLD CONGRESS

EXECUTIVE COMMITTEE
Frédérick GAULTIER
Sylvain MARESCHI
Brice SAVARD
Gérard NAVARRO

SCIENTIFIC COMMITTEE
Louis MAMAN, France
Frédérick GAULTIER, France
Gérard NAVARRO, France
Brive SAVARD, France
Sylvain MARESCHI, France
Marwann DAAS, France
Christophe RIGNON-BRET, France
Stéphane MILLIEZ, France
Myriam DRIDI, France
Anne Laure EJEIL, France
Cédric MAUPRIVEZ, France
P. RENAUT, France
Dear colleagues,
I am very honoured to invite you participate in the 14th WFLD World Congress, which will take place in Paris. In 1990 I participated in the Congress organized by Prof. Melcer, one of the pioneers in the use of laser in dentistry. I am very proud to return 24 years later as President of WFLD and am sure that Prof. Gaultier, Prof. Rocca and Navarro’s exceptional team is preparing a great scientific event and presenting many clinical cases for better use of laser in our field. Nowadays WFLD is present on 5 continents, in almost 50 countries with the mission of propagating science with no economic interest. Join a great Congress in a wonderful city.

Pr Aldo Brugnera Junior, DDS, MS, PhD
PRESIDENT OF WFLD

A long time ago (1990), Prof. Jacques MELCER welcomed the ISLD (today WFLD) 2nd meeting in Paris. Twenty four years later, WFLD members are invited to join the WFLD General meeting in the French capital. Since the beginning WFLD is devoted to the development of oral laser treatments. A lot of progresses have been and are still observed. We are all aware of those progresses and WFLD members are proud to play a role in this development. The next WFLD meeting is a great opportunity to continue our efforts, with enthusiasm, to hear are new methodologies and new applications, to support young searchers in the field of clinical studies or basic research and to meet in an amicable atmosphere. Don’t forget to join the 14th WFLD meeting. Welcome in Paris.

Pr Jean-Paul Rocca, DDS, PhD
SCIENTIFIC PRESIDENT OF THE WFLD CONGRESS
EXECUTIVE COMMITTEE

President WFLD
Aldo BRUGNERA, Brazil

Elect President WFLD
Carlo FORNAINI, Italy

Past President WFLD/Headquarter
Jean-Paul ROCCA, France

Secretary WFLD
Kenji YOSHIDA, Japan

Treasurer WFLD
Adam STABHOLZ, Israel

Member WFLD/Headquarter
Samir NAMOUR, Belgium

Member WFLD/Headquarter
Norbert GUTKNECHT, Germany

Newsletter and Website Editor WFLD
Antoni ESPANA, Spain

Chairman European Division WFLD
Joseph ARNABAT, Spain

Chairman South American Division WFLD
Carlos DE PAULO EDUARDO

Chairman North American Division WFLD
Melissa MARCHESAN, USA

Chairman Middle Eastern and African Division WFLD
Toni ZEINOUN, Lebanon

Chairman Asian and Pacific Division WFLD
Ambrose CHAN, Australia

Gérard NAVARRO, France
Brice SAVARD, France
Sylvain MARESCHI, France
Samir NAMOUR, Belgium
Paolo VESCOVI, Italy
Carlo FORNAINI, Italy
Elisabetta MERIGO, Italy
Pierre FARGES, France
Etienne MEDIONI, France

SCIENTIFIC COMMITTEE

Aldo BRUGNERA, Brazil
Jospeh ARNABAT, Spain
Norbert GUTKNECHT, Germany
Anton SCULEAN, Switzerland
Julia KAMENOVA, Bulgaria
Antoni ESPANA, Spain
Carmen TODEA, Romania
Adam STABHOLZ, Israël
Thierry SELLY, France
André CHARTRAND, Canada
Frédérick GAULTIER, France
Gérard NAVARRO, France
Brice SAVARD, France
Sylvain MARESCHI, France
Roeland DE MOOR, Belgium
Umberto ROMEO, Italy
Paolo VESCOVI, Italy
Carlo FORNAINI, Italy
Samir NAMOUR, Belgium
Kenji YOSHIDA, Japan
Toni ZEINOUN, Lebanon
G. ROMANOS, USA
Jean-Paul ROCCA, France

DENTAL LASER ASSOCIATION
Gérard NAVARRO, France
Brice SAVARD, France
Sylvain MARESCHI, France
Frédérick GAULTIER, France
IMPLANTOLOGY CONGRESS AND WFLD CONGRESS

Floor plan of the Maison de la Chimie

LEVEL 2

LEVEL 1

LEVEL 0
Exhibition plan

ROOM 8

1. Biolase
2. Nobel Biocare
3. Lasotronic
4. Syneron
5. Biomet 3i
6. Lobel
7/14. Fotona
8. Arc Laser
9. Erma Electronique
10. Drive Implant
11. Eurotécnica
12. Quintessence
13. Thor Laser
14. Biohorizons
15. Sirona
16. Millennium Dental Technologies
17. B-Cure Laser
18. Medident Italia

ROOM 7

A. Johnson & Johnson Ethicon
B. Made in Labs
C. Medical Production
D. 3M Concept
E. Geistlich

TO ROOM 32

TO ROOM 8
ABSTRACTS
All abstracts will be published on the congress websites.
Oral Implantology World Congress: www.oiwc-paris2014.com

BADGES
A name badge will be provided with your registration documents on site. For Security and regulation purposes, the wearing of the badge is compulsory at all times inside the Congress venue. Should you loose your badge, please go to the Welcome Desk for assistance.

BREAKS
Morning and afternoon breaks will be available for all congress attendees in the exhibition area.

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>2nd Wed</td>
<td>09:45 - 10:30 and 15:45 - 16:30</td>
</tr>
<tr>
<td>3rd Thurs</td>
<td>10:00 - 10:45 and 15:30 - 16:15</td>
</tr>
<tr>
<td>4th Fri</td>
<td>10:00 - 10:45 and 15:30 - 16:15</td>
</tr>
</tbody>
</table>

CERTIFICATE OF ATTENDANCE
Certificate of attendance will be sent by e-mail to all attendees, after the congress.

CLOAKROOM
A cloakroom is at your disposal for your personal effects, on a user fee basis of 2 euros per article, per day, and located in front of the welcome desk (hall 28). Please note the opening hours:

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>2nd Wed</td>
<td>07:30 – 20:00</td>
</tr>
<tr>
<td>3rd Thurs</td>
<td>08:00 – 19:00</td>
</tr>
<tr>
<td>4th Fri</td>
<td>08:00 – 19:00</td>
</tr>
</tbody>
</table>

Please be advised that the organisation is not responsible for any loss or damage of items left in the cloakroom.

CONGRESS VENUE
The Congresses will be held at the Maison de la Chimie. All congress activities will be organized in one location (except for the congress dinner): a major exhibition, scientific sessions, workshops, posters sessions and breaks.

ADDRESS:
28 rue Saint Dominique
75007 Paris - France
Phone: 0033 (0)1 40 62 27 00

ACCESS:
The Maison de la Chimie is located near the Invalides and can be easily be reached by public transport:

Bus:
lines 63, 69, 83, 93 and 94 - stop at Invalides

Metro:
lines 8 and 12 - stop at Invalides, line 13 stop at Assemblée Nationale

RER:
[french train service between Paris and the suburbs] line C - stop at Invalides

To check the trains and buses schedule and traffic, go to www.ratp.fr

CURRENCY
Payments for the congresses will be accepted only in Euros (€) in cash and credit card (Visa and Mastercard).

EXHIBITION OPENING HOURS
The Exhibition area is located in rooms 7 and 8. The Platinium sponsors exhibit in room 69 (Zimmer) and 32 (Dentsply). The exhibition is open during the following hours:

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
</tr>
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<tbody>
<tr>
<td>2nd Wed</td>
<td>08:00 – 18:30</td>
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<tr>
<td>3rd Thurs</td>
<td>08:00 – 18:30</td>
</tr>
<tr>
<td>4th Fri</td>
<td>08:00 – 16:30</td>
</tr>
</tbody>
</table>
CONGRESS DINNER

Welcome aboard!
The congress dinner cruise will take place on Thursday, July 3rd on the Seine River. Meeting point is at 19:30 in front of the SAPHIR boat, on 'Port de la Bourdonnais' (At the foot of the Eiffel Tower, pier 4). The boat will leave at 20:15.
You will enjoy the charm of the Seine and Paris by night while having dinner. Return at the pier at 23:00.
Registration for the cruise dinner is compulsory and limited. Fees are 150 € per person. Please note your invitation is required to enter the boat.

INTERNET

A free wifi access is available for all congress attendees in the congress venue during the 3 days of the event. Please connect to the network: wifi_MC and enter the password: 6ad2

LUNCHES

Lunches will be served on buffets in the exhibition area (room 8).

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wednesday 2nd</td>
<td>12:30 - 14:00</td>
</tr>
<tr>
<td>Thursday 3rd</td>
<td>12:15 - 14:00</td>
</tr>
<tr>
<td>Friday 4th</td>
<td>12:15 - 14:00</td>
</tr>
</tbody>
</table>

OFFICIAL LANGUAGE

Official language of the WFLD and OIWC congresses is English. Interpretation will not be provided.

POSTER AREA AND POSTER SESSION

The poster area is located in the congress venue in rooms 33 and 69. Posters sessions are organized during the coffee breaks on Thursday 3rd and Friday 4th. You will find the list of the posters at the end of this program.

SPEAKERS

The speaker preview room is located in room 103, level 1. It is available for speakers to prepare their sessions. All speakers are kindly requested to hand in their presentation in the Speakers Room ('Preview') minimum 2 hours prior to their oral presentation.
The Speakers Room is open during the following hours:

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday, July 1st</td>
<td>08:00 - 18:00</td>
</tr>
<tr>
<td>Wednesday, 2nd</td>
<td>08:00 - 18:00</td>
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<tr>
<td>Thursday, 3rd</td>
<td>08:00 - 18:00</td>
</tr>
<tr>
<td>Friday, 4th</td>
<td>08:00 - 18:00</td>
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</tbody>
</table>

TELEPHONE

The international access code for Paris/France is 0033.
We ask all congress delegates to put their mobile phones on silent mode or turn it off during all congresses sessions.

WELCOME DESK OPENING HOURS

The welcome desk is located in hall 28 and is open at the following hours:

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
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<tbody>
<tr>
<td>Wednesday 2nd</td>
<td>07:30 – 19:00</td>
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<tr>
<td>Thursday 3rd</td>
<td>07:30 – 18:30</td>
</tr>
<tr>
<td>Friday 4th</td>
<td>08:00 – 18:00</td>
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</tbody>
</table>

You will be able to register on site and collect your access badges.
<table>
<thead>
<tr>
<th>Time</th>
<th>PETIT AMPHITHEATRE</th>
<th>ROOM 101</th>
<th>ROOM 233</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00</td>
<td>WELCOME ORAL IMPLANT WORLD CONGRESS AND OPENING</td>
<td></td>
<td></td>
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<tr>
<td>08:15</td>
<td>Extraction of a single tooth: immediate or delayed implantation? Criteria of choices</td>
<td></td>
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<tr>
<td></td>
<td>S. MILLIEZ (France)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>08:30</td>
<td>Soft and hard tissue management to optimize aesthetic and functional outcomes in modern Implant dentistry</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>J. MOUHYI (Morocco)</td>
<td></td>
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<tr>
<td>08:45</td>
<td>COFFEE BREAK VISIT SPONSORS EXHIBITORS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>09:00</td>
<td>Hard and soft tissue management for single tooth implant rehabilitation in the aesthetic zone</td>
<td></td>
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<tr>
<td></td>
<td>F. AMATO (Italy)</td>
<td></td>
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<tr>
<td>09:15</td>
<td>Managing extraction sockets in the aesthetic zone with immediate or delayed loading</td>
<td></td>
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<td></td>
<td>E. ROMPEN (Belgium)</td>
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<tr>
<td>09:30</td>
<td>LUNCH</td>
<td></td>
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<tr>
<td>09:45</td>
<td>My First Esthetic Implant Case - why, how, &amp; when?</td>
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<td></td>
<td>M. STEIGMANN (Germany)</td>
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<tr>
<td>10:00</td>
<td>The reference key points for treatment planning in complete edentulous implant rehabilitation</td>
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<td></td>
<td>F. ROJAS VIZCAYA (Spain)</td>
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<tr>
<td>10:15</td>
<td>COFFEE BREAK VISIT SPONSORS EXHIBITORS</td>
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<tr>
<td>10:30</td>
<td>Surgical management of the upper and lower atrophic maxilla</td>
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<tr>
<td></td>
<td>M. JABBOUR (France)</td>
<td></td>
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<tr>
<td>10:45</td>
<td>Complete edentulous rehabilitation: an aesthetic dilemma</td>
<td></td>
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<tr>
<td></td>
<td>M. DAAS, K. DADA (France)</td>
<td></td>
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<tr>
<td>11:00</td>
<td>WELCOME AND VISIT SPONSORS EXHIBITORS</td>
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<tr>
<td>11:15</td>
<td>LASERS PHYSICS</td>
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<tr>
<td></td>
<td>Biophysical effects of dental lasers</td>
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<td></td>
<td>R. FRANZEN (Germany)</td>
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<tr>
<td>11:30</td>
<td>LASER-TISSUES INTERACTION</td>
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<td></td>
<td>R. KORNBLIT (Italy)</td>
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<tr>
<td>11:45</td>
<td>LASER IN ENDOODONTICS</td>
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<td></td>
<td>A. STAHOLZ (Israel)</td>
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<tr>
<td>12:00</td>
<td>LASER IN SOFT ORAL TISSUES SURGERY</td>
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<td></td>
<td>S. NAMOUR (Belgium)</td>
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<tr>
<td>12:15</td>
<td>LASER IN ORTHODONTICS</td>
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<td></td>
<td>C. FORNAINI (Italy)</td>
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<td>12:30</td>
<td>LASER IN PERIODONTOLOGY</td>
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<td></td>
<td>N. GUTKNECHT (Germany)</td>
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<td>12:45</td>
<td>LUNCH</td>
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<tr>
<td>13:00</td>
<td>LASER AND SAFETY</td>
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<td></td>
<td>K. YOSHIDA (Japan)</td>
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<tr>
<td>13:15</td>
<td>LASER AND IMPLANTS</td>
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<td></td>
<td>J. ARNABAT (Spain)</td>
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<tr>
<td>13:30</td>
<td>LASER AND BONE SURGERY</td>
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<td></td>
<td>P. VESCOVI (Italy)</td>
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<tr>
<td>13:45</td>
<td>LASER AND PROSTHETICS</td>
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<tr>
<td></td>
<td>C. DE PAULA EDUARDO (Brazil)</td>
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<tr>
<td>14:00</td>
<td>LASER IN RESTORATIVE DENTISTRY</td>
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<td></td>
<td>A. CHAN (Austria)</td>
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<tr>
<td>14:15</td>
<td>EXAMINATION PRECOURSE</td>
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<tr>
<td>14:30</td>
<td>COUNTRY &amp; ORGANIZATION REPRESENTATIVES MEETING (WFLD)</td>
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<tr>
<td>14:45</td>
<td>WFLD CONGRESS OPENING CEREMONY</td>
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<tr>
<td></td>
<td>F. Gaultier, J.P. Rocca, A. Brugnera</td>
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</tr>
<tr>
<td>15:00</td>
<td>WELCOME COCKTAIL</td>
<td></td>
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</tr>
<tr>
<td>Time</td>
<td>AMPHITHEATRE LAVOISIER</td>
<td>PETIT AMPHITHEATRE</td>
<td>ROOMS 101-201</td>
</tr>
<tr>
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</tr>
<tr>
<td>08:00</td>
<td>WELCOME AND VISIT SPONSORS EXHIBITORS</td>
<td>Photodynamic diagnosis and therapy in oral cancer</td>
<td>08:00</td>
</tr>
<tr>
<td>08:15</td>
<td>New approach of phototherapy in Dentistry A. BRÜGNERA (Brazil)</td>
<td>The Use of Lasers in Prosthodontics A. USUMEZ (Turkey)</td>
<td>08:15</td>
</tr>
<tr>
<td>08:30</td>
<td>Laser use in implantology N. BERNARDA</td>
<td>Minimally invasive dentistry with lasers S. BENEDICENTI (Italy)</td>
<td>08:30</td>
</tr>
<tr>
<td>08:45</td>
<td>Peri-implant soft tissue management: an hybrid solution, Bio-active shield and CO2 laser</td>
<td>Laser tissue welding, alternative to sutures in surgery E. RASCA (France)</td>
<td>08:45</td>
</tr>
<tr>
<td>09:00</td>
<td>Use of Er:YAG laser on oral hard tissues. State of the art D. HEYSSELAER (Belgium)</td>
<td>Cranial nerves trauma &amp; laser-assisted regeneration L. LONGO (Italy)</td>
<td>09:00</td>
</tr>
<tr>
<td>09:15</td>
<td>Laser and Peri-implantitis H. DEPPE (Germany)</td>
<td>Photodynamic action for the treatment and diagnostic of oral diseases V. S. BAGNATO (Brazil)</td>
<td>09:15</td>
</tr>
<tr>
<td>09:30</td>
<td>Laser in smile design and perioral aesthetics TOSUN TOSUN (Turkey)</td>
<td>Laser tissue welding, alternative to sutures in surgery E. RASCA (France)</td>
<td>09:30</td>
</tr>
<tr>
<td>09:45</td>
<td>COFFE BREAK VISIT SPONSORS EXHIBITORS POSTERS SESSIONS</td>
<td>VISIT SPONSORS EXHIBITORS POSTERS SESSIONS</td>
<td>09:45</td>
</tr>
<tr>
<td>10:00</td>
<td>Er:YAG: Surgical Benefits in Soft Tissue Regeneration A. CHARTRAND (Canada)</td>
<td>Cranial nerves trauma &amp; laser-assisted regeneration L. LONGO (Italy)</td>
<td>10:00</td>
</tr>
<tr>
<td>10:15</td>
<td>Peri-implantitis: An increasing threat to oral health. Is laser one part of the salvation? P. FAHLESTEDT (Sweden)</td>
<td>Lasers in endodontics: where are we going? M. MARCHESAN (USA)</td>
<td>10:15</td>
</tr>
<tr>
<td>10:30</td>
<td>Lasers in Oral Surgery M. BORNSTEIN (Switzerland)</td>
<td>Lasers in aesthetics, an EBD approach D. STRAKAS (Greece)</td>
<td>10:30</td>
</tr>
<tr>
<td>10:45</td>
<td>Lasers in Endodontics: where are we going? M. MARCHESAN (USA)</td>
<td>Mechanism of action and dosimetry overview for successful LLLT J. CARROLL (UK)</td>
<td>10:45</td>
</tr>
<tr>
<td>11:00</td>
<td>Photodynamic therapy in the treatment of periodontal and peri-implant infections A. SCULEAN (Switzerland)</td>
<td>Laser phototherapy and tissue regeneration M. MARQUES (Brazil)</td>
<td>11:00</td>
</tr>
<tr>
<td>11:30</td>
<td>Peri-implantitis: An increasing threat to oral health. Is laser one part of the salvation? P. FAHLESTEDT (Sweden)</td>
<td>Non-surgical and surgical periodontal therapy using laser and its basic and clinical outcome H. WATANABE (Japan)</td>
<td>11:30</td>
</tr>
<tr>
<td>11:45</td>
<td>Lasers in Oral Surgery M. BORNSTEIN (Switzerland)</td>
<td>The use of erbium yttrium aluminium garnet (2940 NM) in a laser assisted implant therapy A. REYHANIAN (Israel)</td>
<td>11:45</td>
</tr>
<tr>
<td>12:00</td>
<td>Lasers in Endodontics: where are we going? M. MARCHESAN (USA)</td>
<td>Laser photocoagulation of oral vascular malformations U. ROMEO (Italy)</td>
<td>12:00</td>
</tr>
<tr>
<td>12:15</td>
<td>Laser photocoagulation of oral vascular malformations U. ROMEO (Italy)</td>
<td>The Applications of Light Photo Therapy (LPT) in daily dental practice A. DEL VECCHIO (Italy)</td>
<td>12:15</td>
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Thursday, July 3rd
## CONGRESS OVERVIEW

**Friday, July 4th**

### AMPHITHEATRE

**LAVOISIER**

<table>
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<tr>
<th>Time</th>
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| 09:15 | The power of the bubble. Comparing ultrasonic and laser activated irrigation  
R. DE MOOR (Belgium) |
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J. MAROTTI (Brazil) |
| 10:00 | Coffee break and Visit Sponsors Exhibitors                              |
| 11:00 | PLENARY SESSIONS                                                        |
| 11:15 | ESPANA (Spain), KORNBLIT (Italy)                                        |
| 11:30 | Laser changes dentistry and patient's experience. Examples               |
| 11:45 | A. CHAN (Austria)                                                      |
| 12:00 | LUNCH                                                                   |
| 12:45 | HPB (Spain)                                                             |
| 13:00 | VISIT SPONSORS EXHIBITORS                                              |
| 13:30 | PLENARY SESSIONS                                                        |
| 13:45 | LOH (Singapore), PAULA EDOUARDO (Brazil)                                |
| 14:00 | The use of diffuse laser photonic energy and indocyanine green photosensitizer as an adjunct to periodontal therapy  
S. PARKER (England) |
| 14:15 | A combined endodontal Laser Supported Treatment concept                 |
| 14:30 | N. OUTZNECHT (Germany)                                                 |
| 14:45 | The use of CO2 laser in the treatment of granulomatous cheilitis syndrome  
T. ZEINOUN (Lebanon) |
| 15:00 | Coffee break and Visit Sponsors Exhibitors                              |
| 15:15 | PLENARY SESSIONS                                                        |
| 15:30 | S. SATYAYUT (Thailand)                                                 |
| 15:45 | Laser and oral healing                                                  |
| 16:00 | J. LAHMOUZI (Morocco)                                                  |
| 16:15 | Coffee break and Visit Sponsors Exhibitors                              |
| 16:45 | PLENARY SESSIONS                                                        |
| 17:00 | Lasercision: An effective and minimally invasive corticotomy procedure to improve orthodontic tooth movement and accelerate orthodontic adult treatments  
B. SAVARD (France) |
| 17:15 | The new age of periodontics. Perio laser applications                    |
| 17:30 | A. ARAGUES (Spain)                                                     |
| 17:45 | Laser-assisted tissues destruction in oral pathology                    |
| 18:00 | A. CASSIA (Lebanon)                                                    |
| 18:15 | Coffee break and Visit Sponsors Exhibitors                              |
| 18:30 | PLENARY SESSIONS                                                        |
| 18:45 | Lasers in Conservative Dentistry                                        |
| 19:00 | K. YOSHIKAWA (Japan)                                                   |

### PETIT AMPHITHEATRE

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**IMPLANTOLOGY CONGRESS PROGRAM**

**Wednesday, July 2nd**

**08:00-08:30** Welcome Oral Implant world congress and Opening

**08:30-10:00** **MORNING PLENARY SESSIONS**

**PETIT AMPHITHEATRE**

Chairs: Frédérick Gaultier (France) and Cédric Mauprivez (France)

**08:30-09:00** Extraction of a single tooth: immediate or delayed implantation? Criteria of choices.

Stéphane Milliez (France)

**09:00-09:45** Soft and hard tissue management to optimize aesthetic and functional outcomes in modern Implant dentistry.

Jaafar Mouhyi (Morocco)

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**08:30-10:00** **SHORT COMMUNICATIONS – SESSION IMPLANTOLOGY 1**

**ROOM 101**

Chairs: Florian Bouaziz (France)

**08:30-08:45** Managing the implant in the esthetic zone: Socket preservation, immediate implant placement, GBR.

Nicolas Frydman

**08:45-09:00** PEEK / $\beta$–TCP / TiO2 composite: a smart biocompatible composite.

Cyril Sedarat

**09:00-09:15** Case report: Surgical reintervention three months after sinus membrane perforation.

Marc Baranes

**09:15-09:45** Technique to Obtain a Predictable Aesthetic Result through Appropriate Placement of the Prosthesis / Soft Tissue Junction in the Edentulous Patient with a Gingival Smile.

Demurashvili Georgy

**09:45-10:30** Coffee break

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**10:30-12:30** **MORNING PLENARY SESSIONS**

**PETIT AMPHITHEATRE**

Chairs: Frédérick Gaultier (France) and Cédric Mauprivez (France)

**10:30-11:30** Hard and soft tissue management for single tooth implant rehabilitation in the aesthetic zone.

Francesco Amato (Italy)

**11:30-12:30** Managing extraction sockets in the aesthetic zone with immediate or delayed loading.

Eric Rompen (Belgium)
10:30-12:30  SHORT COMMUNICATIONS – SESSION IMPLANTOLOGY 2  
ROOM 101  
Chairs: Hélène Arnal (France)  

10:30-10:45  Dental autotransplantation is still relevant? A case report of 5 years clinical fallow.  
Laurent Dotzen  

11:45-11:00  Split-crest technique.  
Hélène Meurisse  

11:00-11:15  Peri-implantitis: a new disease.  
Curd Bollen  

11:15-11:30  Sinus floor elevation by two techniques: piezosurgery and rotary instrument.  
Alice Guyon  

11:30-11:45  Assessment of Primary Stability for Two Implant Designs.  
Bassem Hmiedan  

11:45-12:00  Computerized occlusal analysis in periodontitis and periimplantitis.  
Nicolas Cohen  

12:00-12:15  Laser supported treatment strategies in patients with peri-implant infections.  
Frank Liebaug  

12:30-14:00  Lunch  

14:00-15:45  AFTERNOON PLENARY SESSIONS  
PETIT AMPHITHEATRE  
Chairs: Frédéric Gaultier (France) and Nicolas Cohen (France)  

14:00-14:45  My First Esthetic Implant Case-why, how, & when?  
Marius Steigmann (Germany)  

14:45-15:45  The reference key points for treatment planning in complete edentulous implant rehabilitation.  
Fernando Rojas Vizcaya (Spain)  

14:00-15:45  SHORT COMMUNICATIONS – SESSION IMPLANTOLOGY 3  
ROOM 101  
Chairs: Marc Baranes (France)  

14:00-14:30  Trabecular metal implant placed into fresh extraction socket with immediate loading for a single tooth.  
Cristian Peron  

14:30-14:45  Treatment outcome following use of the Er,Cr:YSGG laser in the non surgical management of peri-implantitis: a retrospective pilot study.  
Mark Crownshaw
14:45-15:00  The value of the new scanner hand piece of fotona lightwalker ER:YAG laser in implant surgery.  
Ingmar Ingenegeren

15:00-15:15  Extraction-Immediate implant placement in esthetic region: a case report.  
Yona Israel

15:15-15:30  History of Implantology.  
Xavier Riaud

15:45-16:30  Coffee break

16:30-18:00  AFTERNOON PLENARY SESSIONS

PETIT AMPHITHEATRE  
Chairs: Frédérick Gaultier (France) and Nicolas Cohen (France)

16:30-17:15  Surgical management of the upper and lower atrophic maxilla. 
Michel Jabbour (France)

17:15-18:00  Complete edentulous rehabilitation: an aesthetic dilemma?  
Marwann Daas, Karim Dada (France)
08:00–08:30  Welcome and visit sponsors and exhibitors

08:30–12:30  MORNING SESSIONS  
ROOM 233  
Chair: Aldo Brugnera (Brazil)

08:30–09:00  LASERS PHYSICS  
René Franzen (Germany)

09:00–09:30  LASER-TISSUES INTERACTION  
Roly Kornblit (Italy)

09:30–10:00  LASER IN ENDODONTICS  
Adam Stabholz (Israel)

10:00–10:30  Coffe break + visit sponsors exhibitors

10:30–11:00  LLLT IN DENTISTRY  
Aldo Brugnera (Brazil)

11:00–11:30  LASER IN SOFT ORAL TISSUES SURGERY  
Samir NAMOUR (Belgium)

11:30–12:00  LASER IN ORTHODONTICS  
Carlo Fornaini (Italy)

12:00–12:30  LASER IN PERIODONTOLOGY  
Norbert Gutknecht (Germany)

12:30–14:00  Lunch

14:00–16:30  AFTERNOON SESSIONS  
ROOM 233

14:00–14:30  LASER AND SAFETY  
Kenji Yoshida (Japan)

14:30–15:00  LASER AND IMPLANTS  
Joseph Arnabat (Spain)

15:00–15:30  LASER AND BONE SURGERY  
Paolo Vescovi (Italy)

15:30–16:00  LASER AND PROSTHETICS  
Carlo De Paula Eduardo (Brazil)

16:00–16:30  LASER IN RESTORATIVE DENTISTRY  
Ambrose Chan (Australia)

16:30–17:00  EXAMINATION Precourse
18:00–18:45  WFLD Congress Opening Ceremony
08:00-08:30  Welcome and visit sponsors exhibitors

08:30-10:00  MORNING PLENARY SESSIONS
AMPHITHEATRE LAVOISIER
Chairs: Samir Namour (Belgium) and Boris Gasprirc (Slovenia)

08:30-09:00  New approach of phototherapy in Dentistry.
Aldo Brugnera (Brazil)

09:00-09:30  Laser Erbium in Implantology.
Norberto Berna (Italy)

09:30-10:00  Peri-implant soft tissue management: an hybrid solution. Bio-active shield and CO2 laser optimization of prosthetic emergence profile.
Robert Fromental (France)

08:30-10:00  MORNING PLENARY SESSIONS
PETIT AMPHITHEATRE
Chairs: Jean-Paul Rocca (France) and Carlo Fornaini (Italy)

08:30-09:00  Photodynamic diagnosis in oral cancer.
Kenji Yoshida (Japan)

09:00-09:30  The Use of Lasers Nd, Er, CO2 in Prosthodontics.
Aslihan Usumez (Turkey)

09:30-10:00  Minimally invasive dentistry with lasers.
Stefano Benedicenti (Italy)

08:30-10:00  SHORT COMMUNICATIONS – SESSION Endodontics 1
ROOM 101
Chair: Elisabetta Merigo (Italy)

08:45-09:00  In vitro investigation on the influence of various lasing parameters on the cleaning efficacy of Laser-Activated Irrigation.
Maarten Meire

09:00-09:15  Dental pulp regeneration promoted by stem cell homing an laser phototherapy.
Stella Moreira

09:15-09:30  An 18 Year Successful Laser Endodontic Study With a Comparison to Traditional Endodontic Studies.
Ronald Porth

09:30-10:00  Laser endodontics, PDT, LAI, PIPS: where are the limits?
Giovanni Olivi
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<td>Rana Al-Falaki</td>
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<tr>
<td>09:30-09:45</td>
<td>Bactericidal effect of fluorescent nanoparticles against planktonic Porphyromonas gingivalis in vitro.</td>
<td>Pavel Polenik</td>
</tr>
<tr>
<td>09:45-10:00</td>
<td>Comparing Fibroblast Attachment in Root Surface Scaling With Er,Cr:YSGG Laser Versus Ultrasonic Scaler: A SEM Study.</td>
<td>Gholam Ali Gholami</td>
</tr>
</tbody>
</table>

**10:00-10:45**
- **Coffe break + visit sponsors exhibitors + posters sessions**
- **Posters session 1: Endodontics - ROOM 33**
- **Posters session 2: Periodontology - ROOM 69**

**10:45-12:15**
- **MORNING PLENARY SESSIONS**
  - **AMPHITHEATRE LAVOISIER**
  - Chairs: Samir Namour (Belgium) and Boris Gaspirc (Slovenia)
- **10:45-11:15** Use of Er/YAG laser on oral hard tissues. State of the art. Daniel Heysselaer (Belgium)
- **11:15-11:45** Laser and Peri-implantitis. Herbert Deppe (Germany)
- **11:45-12:15** Laser in smile design and perioral aesthetics. Tosun Tosun (Turkey)
10:45-12:15 MORNING PLENARY SESSIONS
PETIT AMPHITHEATRE
Chairs: Jean-Paul Rocca (France) and Carlo Fornaini (Italy)

10:45-11:15 CRANIAL NERVES TRAUMA & LASER-ASSISTED REGENERATION.
Leonardo Longo (Italy)

11:15-11:45 Photodynamic action for the treatment and diagnostic of oral diseases.
Vanderlei Salvador Bagnato (Brazil)

11:45-12:15 Laser tissue welding, alternative to sutures in surgery.
Emilia Rasca (France)

10:45-12:15 SHORT COMMUNICATIONS – SESSION Laser and bone surgery
ROOM 101
Chair: Antoine Cassia (Lebanon)

10:45-11:15 Laser-assisted management of Bisphosphonates-Related Osteonecrosis of the Jaw (BRONJ)s in 247 patients: ten years experience of the University of Parma.
Elisabetta Merigo

11:30-11:45 Diode Laser Uses in Clinical Cases.
Hadi Geha

11:45-12:00 Effects of Low-level-laser Therapy and Corticotherapy after Third Molar surgery: A clinical trial.
Sioud Sameh

12:00-12:15 The use of Er:YAG and Low Level Diode Lasers in the prevention and treatment of Bisphosphonate Related Osteonecrosis of the Jaws.
Mauro Capocci

10:45-12:15 SHORT COMMUNICATIONS – SESSION Low Power Laser 1
ROOM 201
Chair: Dimitris Strakas (Greece)

10:45-11:00 Pain management in endodontic with Low Power Laser.
Valentin Preve

Aude Fauchon
11:30-11:45 The evaluation of bone augmentation following 808nm laser irradiation. 
Darinca Carmen Todea

11:45-12:00 Laser therapy at home post oral surgery. 
Leonardo Longo

12:00-12:15 Laser doppler pulp vitality evaluation after different tooth bleaching procedures. 
Bogdan Vitez

12:15-14:00 Lunch

14:00-15:30 AFTERNOON PLENARY SESSIONS
AMPHITHEATRE LAVOISIER 
Chairs: Norbert Gutknecht (Germany) and Toni Zeinoun (Lebanon)

14:00-14:30 Photodynamic therapy in the treatment of periodontal and peri-implant infections. 
Anton Sculean (Switzerland)

14:30-15:00 Er,Cr:YSGG: Surgical Benefits in Tissue Regeneration. 
André Chartrand (Canada)

15:00-15:30 Peri-implantitis: An increasing threat to oral health. Is laser one part of the salvation? 
Peter Fahlstedt (Sweden)

14:00-15:30 AFTERNOON PLENARY SESSIONS
PETIT AMPHITHEATRE 
Chairs: Aldo Brugnera (Brazil) and Paolo Vescovi (Italy)

14:00-14:30 The scientific and clinical rationale for the use of Er,Cr:YSGG lasers in periodontal treatment. 
Rana Al-Falaki (United-Kingdom)

14:30 -15:00 Laser phototherapy and tissue regeneration. 
Marcia Marques (Brazil)

15:00-15:30 Advantages in using Er:YAG laser in cases of Endodontic Retreament. 
Adam Stabholz (Israel)
14:00-15:30  SHORT COMMUNICATIONS – SESSION Oral Surgery 1
ROOM 101
Chair: Tosun Tosun (Turkey)

14:00-14:15  The Light and Tissues Interaction: The outline of Optical Biopsy and Non-invasive methods in diagnosis of Oral Seqaumous Cell Carcinoma – Literature Review.
Omar Esam

14:15-14:30  The advantages of carbon dioxide laser applications in paediatric oral surgery.
Hanna Reem

14:30-14:45  Soft tissue Laser application in oral surgery-aesthetical aspects.
Gaspar Lajos

14:45-15:00  Clinical case of using Er:YAG laser to incise ankyloglossia.
Takayuki Nagase

Jean-Paul Rocca

Carlo Fornaini

14:00-15:15  SHORT COMMUNICATIONS – SESSION Restaurative dentistry 1
ROOM 201
Chair: Carmen Todea (Romania)

14:00-14:30  Low-level laser therapy improves proliferation and odonto/osteodifferentiation of dental pulp stem cells vehicled in BMP-4 loaded hydrogels.
Ivana Marcia Alves Diniz

14:30-14:45  In Situ Study of Dental Enamel Submitted to Er,Cr: YSGG Laser Irradiation Associated to Fluoridated Products Application.
Claudia Zamataro

14:45-15:00  Current state of the art about low and high power lasers in the treatment of dentin hypersensitivity.
Ana Cecilia Aranha

15:00-15:15  Microroughness evaluation of enamel surface after laser- activated bleaching.
Hanieh Nokhbatolfoghahaei

15:15 - 15:30  Laser utilization, in combination of other different high technology devices (QMR and piezosurgery) in special needs dentistry
Aldo Oppici

15:30-16:15  Coffe break ; Visit sponsors exhibitors ; Posters sessions
Posters session group 3: Low-Power Laser - ROOM 33
Posters session group 4: Laser-Tissue Interaction - ROOM 69
16:15-18:15  AFTERNOON PLENARY SESSIONS
AMPHITHEATRE LAVOISIER
Chairs: Norbert Gutknecht (Germany) and Toni Zeinoun (Lebanon)

16:15-16:45  Non-surgical and surgical periodontal therapy using laser and its basis and clinical outcome.
Hisashi Watanabe (Japan)

16:45-17:15  The use of erbium yttrium aluminium garnet (2940 NM) in a laser assisted implant therapy.
Avi Reyhanian (Israel)

17:15-17:45  Lasers in Oral Surgery
Michael Bornstein (Switzerland)

17:45-18:15  Lasers in Endodontics: where are we going?
Melissa Marchesan (USA)

16:15-18:15  AFTERNOON PLENARY SESSIONS
PETIT AMPHITHEATRE
Chairs: Aldo Brugnera (Brazil) and Paolo Vescovi (Italy)

16:15-16:45  Mechanism of action and dosimetry overview for successful LLLT.
James Carroll (England)

16:45-17:15  Laser photocoagulation of oral vascular malformations.
Umberto Romeo (Italy)

17:15-17:45  The Applications of Light Photo Therapy (LPT) in daily dental practice.
Alessandro Del Vecchio (Italy)

17:45-18:15  Lasers in Aesthetics. An Evidence Based Dentistry approach.
Dimitris Strakas (Greece)

16:15-18:15  SHORT COMMUNICATIONS – SESSION Laser-Tissues Interaction 1
ROOM 101
Chair: René Franzen (Germany)

Maryam Serajzadeh

16:30-16:45  Histological evaluation of periincisional margins of laser biopsies. In vivo study.
Claudia Russo

16:45-17:00  Clinical study of periodontal tissues regeneration: complimentarity of laser and nutritional treatments.
Bernard Kurdyk
17:00-17:15  The use of optical coherence tomography and fluorescence imaging system to diagnose and monitor the effects of Nd:Yag laser on dentin wear.  
Denise Maria Zezell

17:15-17:30  Pain and Health-Related Quality of Life (HRQoL) after 118 oral surgical interventions: the advantages of the Nd:YAG laser.  
Ilaria Giovannacci

17:30-17:45  Diods laser in orthodontics: interes and limits.  
François-Joseph Nappée

17:45-18:00  Effects of 4W power 1950nm diode laser on oral hard and soft tissues: a preliminary “ex vivo” study.  
Barbara Dallari

16:15-18:15  SHORT COMMUNICATIONS – Miscellaneous  
ROOM 201  
Chair: Georgi Tomov (Bulgaria)

16:15-16:45  Acceleration of Canine movement by laser assisted flapless corticotomy (an innovative approach in orthodontics).  
Maha Algazali

16:45-17:00  Effects of CO2 and Nd:YAP laser on the hardness of lithiumdisilicate and zirconia dental ceramics.  
Ahmed El Gamal

17:00-17:15  Marketing of Dental lasers and Laser based Education: A dual perspective.  
Imneet Madan

17:15-17:30  The power of scientific knowledge and strategic business planning for laser dentists.  
Anna-Maria Yiannikos

17:30-17:45  Effect of Er:YAG Laser on Different Resin Cements During Ceramic Debonding.  
Önjen Tak

20:30-23:00  Congress Dinner on the Seine river
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
<th>Chairs</th>
<th>Authors</th>
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<tbody>
<tr>
<td>08:00-08:30</td>
<td>Welcome and visit sponsors exhibitors</td>
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<tr>
<td>08:30-10:00</td>
<td>MORNING PLENARY SESSIONS</td>
<td>Amphitheatre Lavoisier</td>
<td>Joseph Arnabat (Spain) and Adam Stabholz (Israel)</td>
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<td>08:30-09:00</td>
<td>Lasers Application in different internal conditioning of different ceramics.</td>
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<td>Carlos de Paula Edouardo (Brazil)</td>
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<td>09:00-09:30</td>
<td>The power of the bubble. Comparing ultrasonic and laser activated irrigation.</td>
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<td>Roeland De Moor (Belgium)</td>
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<td>09:30-10:00</td>
<td>Photodynamic therapy for decontamination of different implant surfaces.</td>
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<td>Juliana Marotti (Brazil)</td>
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<tr>
<td>08:30-10:00</td>
<td>MORNING PLENARY SESSIONS</td>
<td>Petit Amphitheatre</td>
<td>Antoni Espana (Spain) and Roly Kornblit (Italy)</td>
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<td>08:30-09:00</td>
<td>Laser changes dentistry and patient’s experience. Examples.</td>
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<td>Ambrose Chan (Australia)</td>
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<td>09:30-10:00</td>
<td>Lasers in Periodontology</td>
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<td>Ilay Maden (Turkey)</td>
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<tr>
<td>08:30-10:00</td>
<td>SHORT COMMUNICATIONS – SESSION Oral surgery 2</td>
<td>Room 101</td>
<td>Sajee Sattayut (Thailand)</td>
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<tr>
<td>08:30-08:45</td>
<td>Surgical Diode Laser in Dentistry.</td>
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<td>Javier Higuera</td>
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<td>08:45-09:00</td>
<td>Efficacy of low-level laser therapy in the management of pain, facial swelling and postoperative trismus after impacted lower third molar extraction.</td>
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<td>José Leonardo Caraballo Zabala</td>
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<tr>
<td>09:00-09:15</td>
<td>Two different approaches in the treatment of oral vascular tumors with diode laser.</td>
<td></td>
<td>Sami El-Toum</td>
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<tr>
<td>09:15-09:30</td>
<td>Process reliable and low risk aesthetic crown lengthening by laser.</td>
<td></td>
<td>Peter Kleemann</td>
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</tbody>
</table>
Effect of LLLT on the post-extractive socket healing in rats treated with zoledronic acid and dexamethasone: a pilot study.
Giovanni Mergoni

The laser tissue welding as an alternative to sutures in oral surgery.
Emilia Rasca

SHORT COMMUNICATIONS – SESSION Restaurative dentistry 2
ROOM 201
Chair: Stefano Benedicenti (Italy)

The evaluation of thermal changes of pulp after photo-activated disinfection by two different photosensitizers.
Maryam Johari

Comparative study of the shear bond strength of Flowable composite in permanent teeth treated with conventional Bur and contact and non-contact Er:YAG Laser.
Parisa Parhami

An innovative pulse duration by Er:YAG laser at 2940nm, enhances the results of conservative dentistry!
Achillefs Efthimiou

Clinical treatment of dental hypersensitivity by means of diode laser (980 nm).
Anthony De Dycker

Effect of Diode and Nd:YAG Laser on Treatment of Dentin Hypersensitivity Compared to Bonding Agent.
Seyedghazaleh Hashemi

Coffe break + visit sponsors exhibitors + posters sessions
Posters session group 5: Laser and Bone Surgery, Laser and Prosthetics, Laser and safety, Pedodontic – ROOM 33
Posters session group 6: Oral Surgery – ROOM 69
10:45-12:15    MORNING PLENARY SESSIONS
AMPHITHEATRE LAVOISIER
Chairs: Joseph Arnabat (Spain) and Adam Stabholz (Israel)
10:45-11:15    Dental implants in patients receiving bisphosphonates: the risk of jaw osteonecrosis and the role of the laser.
Paolo Vescovi (Italy)
11:15-11:45    Er:YAG Laser in Periodontics and Implant Therapy—From Basic Studies to Clinical Applications.
Akira Aoki (Japan)
11:45-12:15    Novel laser techniques for oral soft tissue surgery.
Sajee Sattayut (Thailand)

10:45-12:15    MORNING PLENARY SESSIONS
PETIT AMPHITHEATRE
Chairs: Antoni Espana (Spain) and Roly Kornblit (Italy)
10:45-11:15    Laser assisted eradication of endodontics biofilms.
Ivona Bago Juric (Croatia)
11:15-11:45    Photo-elimination (PDT&PTT) of bacteria in Oral and Maxillofacial diseases.
Reza Fekrazad (Iran)
11:45-12:15    Laser and oral healing.
Jamila Lahmouzi (Morocco)

10:45-12:15    SHORT COMMUNICATIONS – SESSION Periodontology 2
ROOM 101
Chair: Umberto Romeo (Italy)
10:45-11:00    Treatment of infrabony defects using Er, Cr:YSGG lasers as an adjunct to root surface instrumentation: a retrospective clinical and radiographical analysis.
Rana Al-Falaki
11:00-11:15    Root debridement of Er:YAG laser with the dental endoscope procedure. Case report.
Tsukui Akira
11:15-11:30    Effects of Er, Cr:YSGG and Diode 940nm laser on root surface: Morphological and Thermal Analysis.
Borna Rashidisangsary
11:30-11:45    One year clinical results after Er:YAG treatment of chronic periodontitis.
Yaneva Blagovesta
11:45-12:15    Effect of repeated episodes of aPDT on the experimental periodontitis in rats subjected to chemotherapy with 5-FU.
Leticia Theodoro
10:45-12:15  SHORT COMMUNICATIONS – SESSION Endodontics 2
ROOM 201
Chair: Shigeyuki Nagai (Japan)

10:45-11:00  MicroCT investigation of Er:YAG root canal debridement.
Darinca Carmen Todea

11:00-11:15  Pressure generated outside the apical foramen during root canal irrigation activated by diode laser.
Satoshi Watanabe

11:15-11:30  Evaluation of different PDT protocols to interrupt an artificial endodontic biofilm, an ex vivo study.
Omid H Muhammad

Georgi Tomov

11:45-12:00  Effect of Laser Activated Irrigation on biofilms in artificial root canals.
Stefanie De Meyer

12:00-12:15  Laser assisted Pediatric Endodontics: Conventional v/s laser assisted root canal treatments in primary teeth- An in vivo study.
Imneet Madan

12:15-14:00  Lunch

14:00-15:30  AFTERNOON PLENARY SESSIONS
AMPHITHEATRE LAVOISIER
Chairs: S. Souedan (France) and Kenji Yoshida (Japan)

14:00-14:30  Lasers in Conservative Dentistry
Kazushi Yoshikawa (Japan)

14:30-15:00  Periodontitis and Peri-implantitis. Bone Regeneration.
Raymond A. Yukna (USA)

15:00-15:30  Laser as a tool in oral surgery.
Gonzalo Lopez de Castro (Spain)
14:00-15:00 AFTERNOON PLENARY SESSIONS
PETIT AMPHITHEATRE
Chairs: Loh (Singapore) and Carlos de Paula Edouardo (Brazil)

14:00-14:30 The use of diffuse laser photonnic energy and inocyaneine green photosensitiver as an adjunct to periodontal therapy.
Steven Parker (England)

14:30-15:00 A combined endodontical Laser Supported Treatment concept.
Norbert Gutknecht (Germany)

15:00-15:30 The use of CO2 laser in the treatment of Granulomatous Cheilitis Syndrom.
Toni Zeinoun (Lebanon)

14:00-15:30 SHORT COMMUNICATIONS – SESSION Laser-tissues interaction 2
ROOM 101
Chair: Reza Fekrazad (Iran)

14:00-14:30 Micro-structure of permanent enamel treated with an Er-YAG laser-
Raman and IR reflection spectroscopic study.
Galia Zhegova

14:45-15:00 Quantum depigmentation of melanin gingival stain, without tissue removing with 810nm diode laser.
Ismael Pinto

15:00-15:15 Effects of 1064 nm, 500 ps, diode-pumped solid state laser on oral hard and soft tissues: a preliminary “ex vivo” study.
Tamara Simonazzi

Yasser Stas

14:00-15:30 SHORT COMMUNICATIONS – SESSION Low Power Laser 2
ROOM 201
Chair: Leonardo Longo

14:00-14:15 Photodynamic Therapy in the treatment of recurrent herpes labialis.
Cases Report.
Karen Muller Ramalho

14:15-14:30 Laser and oral healing.
Jamila Lahmouzi

14:30-14:45 Recurrent aphthous stomatitis and pain management with low-level laser therapy: a randomized controlled trial.
Lennart Hedström
Diode Laser Treatment of different vascular tongue lesions.
Ali Saafan

Use of lasers in treatment of oral lichen planus.
Verica Pavlic

Coffe break + visit sponsors exhibitors + posters sessions
Posters session group 7: Orthodontics ; Restaurative Dentistry – ROOM 33
Posters session group 8: Restaurative Dentistry – ROOM 33

AFTERNOON PLENARY SESSIONS
AMPHITHEATRE LAVOISIER
Chairs: S. Souedan (France) and Kenji Yoshida (Japan)

Lasercision: An effective and minimally invasive corticotomy procedure to
improve orthodontic tooth movement and accelerate orthodontic adult treatments.
Brice SAVARD (France)

The new age of periodontics. Perio laser applications.
Alfredo ARAGUES (Spain)

Laser-assisted tissues destruction in oral pathology.
Antoine CASSIA (Lebanon)

AFTERNOON PLENARY SESSIONS
PETIT AMPHITHEATRE
Chairs: Loh (Singapore) and Carlos de Paula Edouardo (Brazil)

David Dovsak (Slovenia)

Combination of early diagnosis and micro-invasive Er-YAG technique.
Nathalie Brulat Bouchard (France)

Oral Pigmentation: Laser Treatment and Clinical Cases.
Jihad Habli (Lebanon)
16:15-18:00  SHORT COMMUNICATIONS – SESSION Endodontics 3
ROOM 101
Chair: Jean-Paul Rocca (France)

16:15-16:30  Photodynamic therapy in root canals artificially infected with enterococcus faecalis; an ex vivo study.
Yolanda Salapata

16:30-16:45  The Comparison of Penetration Depth of Tolonium Chloride and Indocyanine Green Photosensitizers in Root Canals with and without Smear Layer: An in vitro study.
Emad Kosarieh

16:45-17:00  Positive pressure, passive ultrasonic and laser activated irrigations on removal of the smear-layer, bacteria from the root canal surface. With clinical case.
Sharonit Sahar-Helft

17:00-17:15  Treatment of Dentinal Hypersensitivity by means of Nd:YAP Laser: A Preliminary in Vitro Study.
Amaury Namour

17:15-17:30  Measurement of pressure changes during laser-activated irrigant by an erbium, chromium: yttrium, scandium, gallium, garnet laser.
Harry Huiz Peeters

17:30-17:45  Temperature increase during endodontic treatments by means of Diode lasers (810 nm).
Mohamed Hadeiba

17:45-18:00  Comparing thermal effects of two wavelengths in root canal treatment.
Ayse Sena Kabaş Sarp

16:15-17:15  SHORT COMMUNICATIONS – Periodontology 3
ROOM 201
Chair: Daniel Heysselaer (Belgium)

Claudia Mota

16:30-16:45  Evaluation of Nd:YAG laser for root surface modification in treatment gingival recession using subepithelial connective tissue graft and coronally advanced flap.
Mehrnaz Sadighi

16:45-17:00  Evaluation of Fibroblast Attachment in Root Conditioning With Er, Cr:YSGG Laser versus EDTA: A SEM Study.
Katayoun AM Kalhori

17:45-18:00  President Speech end, Gateway to Japan
Meetings

📅 Wednesday, July 2nd
17:15-18:00
Country & organization representatives meeting (WFLD)
ROOM 233

📅 Thursday, July 3rd
12:30-13:45
General assembly of all WFLD divisions
ROOM 101

📅 Friday, July 4th
12:30-13:45
General assembly of each WFLD divisions
ROOMS 101 & 201

18:00 - 19:00
General Assembly of the WFLD
AMPHITHEATRE LAVOISIER
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ENDODONTICS

Poster session Group 1: Thursday, July 3rd in room 33 at 10:00-10:45

Evaluation of CEM cement as a retrofilling biomaterial in root-end cavities prepared by Er, Cr: YSGG laser and Ultrasonic.
Marziyeh AGHAZADEH

Evaluation of laser photobiomodulation (λ 780 nm) on repair of dental replantation in rats.
Fabiola CARVALHO

Observation of resected apical surfaces of human premolars by swept-source optical coherence tomography.
Arata EBIHARA

Microleakage and temperature rise of obturated root canals after disinfection with Nd:YAG laser, PDT and NaOCl and EDTA.
Tzvetelina GUEORGIEVA

Detection of the second mesiobuccal canal of maxillary molars by swept-source optical coherence tomography - Comparison between inexperienced and experienced dentists.
Yoshiko LINO

Apical Extrusion of Root Canal Irrigants during Root Canal Irrigation Activated by Diode Laser.
Kazuhisa SATAKE

Er:YAG Laser-activated Irrigation for Lateral Canals.
Kanako YAO

IMPLANTOLOGY

No poster session scheduled. Exhibition posters in room 69

Provisional prosthesis for a one tooth edentulous.
Layla ASSILA

Carlos DE PAULA EDUARDO

To Be Failed Or Not To Be.
Cevlan ERTUGRUL

In Vivo Effect Of Biodegradable Membrane In Immediate Implant Placement In the Esthetic Zone On Bone And Soft Tissue Profile.
Mustafa KHALLAF

Fortuitous discovery of an aspergillosis within the preimplant evaluation.
Méryl MACCOTTA

ORCA Overdenture Retained by Clip and Attachment.
Nilo Guliberto MARTINS CHÁVARRY
Peri-Implantitis – And They Lived Happily Ever After.
Lise SLACK

Immediate implant placement combined with titanium granules.
Helmut G. STEVELING

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**LASER AND BONE SURGERY**

*Poster session Group 5: Friday, July 4th in room 33 at 10:00-10:45*

Surgical excision of mandibularis torus with Erbium Cromium laser.
Jean GROLLERON

Alexandrino SANTOS NETO

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**LASER AND PROSTHESES**

*Poster session Group 5: Friday, July 4th in room 33 at 10:00-10:45*

Microleakage of a resin cement after disinfection pretreatments: Effects of laser irradiation and chemical antibacterial agents.
Fereshteh SHAFIEI

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**LASER AND SAFETY**

*Poster session Group 5: Friday, July 4th in room 33 at 10:00-10:45*

Assessment of blinding success among laser clinical trials.
Jafar KOLAHI

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**LASER-TISSUES INTERACTION**

*Poster session Group 4: Thursday, July 3rd in room 69 at 15:30-16:15*

Luiz BISPO

Barbara DALLARI
Relationship between the degree of dental enamel mineralization and the optical attenuation coefficient.  
Anderson FREITAS

Femtosecond laser ablation of enamel and the application of acoustic emission as a monitoring method for laser treatment of dental caries.  
Quang Tri LE

Benefits of Lasertherapy in trigeminal neuralgia. Series of clinical cases.  
Alexandrino SANTOS NETO

Laser Bleaching  
Nassim NABAVINEJAD

New Applications of Optical Fluorescence.  
Sebastião PRATAVIEIRA

Methodology Development for Optical Characterization of Vascular Lesions.  
Lucia Regina TEIXEIRA

Repeated CO2 laser applications enhances the inhibition of primary enamel demineralization.  
Bruna Raquel ZANCOPÉ

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LOW POWER LASER

Poster session Group 3: Thursday, July 3rd in room 33 at 15:30-16:15

Infrared Lasertherapy Effectiveness Evaluation In Temporomandibular Disorders Using Electromyography – A Preliminary Study.  
Luciane AZEVEDO

Thermographic Monitoring Of Wound Healing In Patients Treated With Laser (Apdt) After The Third Impacted Mandibular Molar Removal.  
Goran BATINJAN

Increase Of Calmodulin Concentration In Parotid Glands Of Diabetic Animals.  
Juliana CASTRO

Lllt Reduced Inflammation In Diabetic Salivary Glands Through Nfkb Signaling Pathway.  
Cintia Yuki FUKUOKA

Evaluation Of Photodynamic Effects Of Curcumin In Microorganisms Of Caries.  
Marleny GERBI

Influence Of Sodium Alendronate And Zoledronic Acid Associated Or Not To Laser Phototherapy On The Viability And Proliferation Of Cultured Fibroblasts And Osteoblasts.  
Maria Da Graça NACLÉRIO-HOMEM
Co2 Laser Irradiation And Fluoride Enhances Caf2 Uptake And Inhibits Lesion Progression Of Demineralized Dental Enamel – In Vitro Study.
Marines NOBRE DOS SANTOS

Low intensity laser as an alternative treatment for oral ulcers associated with Therapy in Organ Transplantation (TOR) inhibitors
Denise Maria ZEZELL

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**ORAL SURGERY**

Poster session Group 6: Friday, July 4th in room 69 at 10:00-10:45

The use of Nd:YAG laser for the treatment of vascular anomalies: 50 patients case-series of the University of Parma.
Michele CHIUSANO

Dragana GABRIĆ PANDURIĆ

Laser-assisted surgical treatment of excessive gingival display using lip repositioning technique as an alternative to orthognathic surgery.
Petra LIBERT

Effectiveness evaluation of combined erbium and diode laser application among patient suffered from periapical lesion.
Roman PIYAMOV

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**ORTHODONTICS**

Poster session Group 7: Friday, July 4th in room 33 at 15:30-16:15

LLLT Periodontology in Orthodontic Treatment.
Attilia PETRINI

Effect of CO2 laser and fluoride dentifrice on demineralization around orthodontic brackets: an in situ study.
Livia RODRIGUES

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**PEDODONTIC**

Poster session Group 5: Friday, July 4th in room 33 at 10:00-10:45

The use of Laser in Different Field of Paediatric Dentistry: Two Cases Reports.
Ülkü ŞERMET ELBAY
PERIODONTONTOLOGY

Poster session Group 2: Thursday, July 3rd in room 69 at 10:00-10:45

**Er:Yag laser in treatment of sialolithiasis of wharton’s duct**
Boris GASPIRC

**Effectiveness of adjuvant probiotic and aPDT on the treatment of experimental periodontitis in rats immunosuppressed**
Valdir GOUVEIA GARCIA

**Changes in energy output and surface morphology of quartz tips following Er:YAG laser contact irradiation.**
Taichen LIN

**Effect of aPDT on the furcation bone loss in rats subjected to chemotherapy.**
Mariéllen LONGO

**Increased cell proliferation and differential protein expression induced by low-level Er:YAG laser irradiation in human gingival fibroblasts: proteomic analysis.**
Mayumi OGITA

**Efficiency evaluation of photodynamic therapy in the treatment of peri-implantitis. Randomized controlled clinical trial. Pilot study.**
Dragana RAKASEVIC

**Efficacy of Erythrosine and Anthocyanin mediated Photodynamic Therapy on Porphyromonas Gingivalis Biofilms using green light.**
Surada TANTANANUGOOL

**The influence of oxygen in blue LED irradiation with Rose Bengal on the growth of Porphyromonas gingivalis.**
Ayano UEKUBO
RESTAURATIVE DENTISTRY

Poster session Group 7: Friday, July 4th in room 33 at 15:30-16:15

Effect of Er,Cr:YSGG laser at pre-sintered zirconium oxide compared to different surface treatments on microshear bond strength.
Alessandra CASSONI

Comparative study of the shear bond strength of dentin prepared with bur and Er,Cr:YSGG laser.
Rodrigo PALLAS

Three stage study of psychological effects and pain or discomfort felt by patients, by the use of the max mode of the Fotona Fidelis Er: YAG laser in Class I fissure preparations.
Efstratios TZANNOU

Effects of Diode Laser on Direct Pulp Capping Treatment: A pilot study
Iraj YAZDANFAR, Norbert Gutknecht, Rene Franzen

Poster session Group 8: Friday, July 4th in room 33 at 15:30-16:15

Laser-assisted treatment of cervical resorption-case series.
Ani BELCHEVA

Evaluation of enamel surfaces irradiated with Er:YAG or Nd:YAG laser by FT-Raman spectroscopy.
Nasim CHINIFORUSH

Claudia MOTA

Analysis of the progression of dentine erosion after Nd:YAG laser irradiation and/or fluoride treatment.
Samira Helena JOÃO-SOUZA

Jose RODRIGUES

Photo Activated Intracoronal Dental Bleaching: Case Report.
Fatima ZANIN