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ARTIFICIAL AND HUMAN INTELLIGENCE IN MODERN DENTISTRY

The 3rd Digital Dentistry Society International **Global Congress** 2023: Program

Thursday 12th October 2023: INNOVATION FORUM

9:00-9:15	**Opening session** – President Jaafar Mouhyi, A. Bouyahyaoui, Francesco Mangano, Mohamed Sdira, Youssef Talic
9:15-9:45	Short *"take home"* messages from: Miguel Stanley, Dirk Duddeck, Markus Trôltzsch
9:45-10:05	Ingo Baresel – Latest innovations in diagnostics using intraoral scanners
10:05-10:25	Paolo Avantaggiato – Next-Generation Dentistry: How AI and IoT are Transforming Oral Health
10:25-10:45	Ziad Salameh – Facially Driven Esthetic and Functional Rehabilitation: Decoding a Successful Workflow
10:45-11:15	**Coffee Break**
Moderators: Adriano Piattelli, Babakar Toure, Eitan Mijiritsky	
11:15-11:35	Carlo Mangano – Personalized therapies with custom-printed ceramic biomaterials and titanium implants: how AI can help us in Bone Surgery
11:35-11:55	Giacomo Fabbri – Interdisciplinary treatments in the digital era: quality, predictability and flexibility
11:55-12:10	Rebekka Hueber – Ceramic Implants and Digital Dentistry: Pioneering a New Era in Dental Implant Treatment
12:10-12:30	Fernando German – AI and other innovations in daily use
12:30-12:45	Sebastjan Varljen & Stefan Scholz – 4D dentistry on steroids
12:45-13:00	Matteo Valoriani – Augmented Reality in digital dentistry workflow
13:00-14:00	**Lunch Break**
Moderators: Christian Monti, Rachida Ameziane, Karim El Jaffali	
14:00-14:30	Christian Coachman – Dentist-Lab Synergy in the Digital Era
14:30-14:50	Francesco Mangano – Artificial Intelligence and Augmented Reality in Implant Planning
14:50-15:10	Michael Klein – Full arch implant supported restoration simplified: Nexus iOS, the 2-3 appointment full-arch solution
15:10-15:30	Markus Engelschalk – AI and patient management: how treatments will be planned in the future
15:30-15:45	Fabrizia Luongo – Digital magnification: an essential help in modern dentistry
15:45-16:00	Othman Mikou – Guided Surgery in Implant Dentistry: A Comprehensive Approach for Simple to Full-Arch Cases
16:00-16:30	**Coffee Break**
Moderators: Myroslav Goncharuk-Khomyn, Abdessamad Agday, Nawal Rabi	
16:30-16:45	Alex Sanders – AI has become a reality in the field of dental diagnostics. What developments can we expect to see next?
16:45-17:00	Fernando Zarone – Falko-Medical Media Vision

Also on Thursday

Full program on the website

- Call for Posters **Oral Presentation**
- Official DDS Workshop for **Hygienists** and **Dental Assistants**
- **Hygienists** and **Dental Assistantss** Session
- Parallel Workshop for **Dentists** and **Dental Technicians**

Friday 13th October 2023

9:00-9:30	**Congress Opening Ceremony** – Jaafar Mouhyi, Henriette Lerner, Giuseppe Luongo, Carlo Mangano, Ihssane Benyahya, Mohamed Hjira
9:30-10.15	**Lectio Magistralis**: Rachid Yazami – Artificial Intelligence for Green Energy
IMPLANTOLOGY	
Moderators: Carlo Mangano, Zouhair Ismaili, Jerome Lipowicz	
10:15-10:45	Reinhilde Jacobs – Artificial Intelligence in implant dentistry
10:45-11:15	**Coffee Break**
11:15-12.00	Henriette Lerner & Fabrizia Luongo – Digital approach to Full-arch rehabilitation
12:00-12:45	Maurice Salama – Fully Guided Implant Reconstruction of the Atrophic Maxilla utilizing non-alveolar anchorage sites
12:45-13:00	**Dynamic Discussion** – Q & A from the audience, orchestrated by the moderators
13:00-14:00	**Lunch Break**
ESTHETIC DENTISTRY	
Moderators: Giuseppe Luongo, Katalin Nagy, Sanaa Rida	
14:00-14:30	Nitzan Bichacho – Implant Supported Restorations Utilizing Digital Concepts
14:30-15:00	Mario Imbrugia – VertiCad: minimal preparation and full digital workflow in Esthetic Dentistry
15:00-15:30	Carlos Toro – Digitally Guided Veneers Preps: artificial intelligence Vs. human intelligence

GET YOUR TICKET!
Early Bird Available

Poster Oral Presentation

Researchers and **Clinicians** will have the opportunity to present their results in a 7 minutes short lecture in front of a panel of experts.

The **three best Oral Presentations** per category will be awarded **1500€, 1000€ and 500€** respectively, and all accepted Abstracts will be published on the **Journal of Dentistry** (Elsevier, Q1, indexed Pubmed, Impact Factor 4.9, Citescore 6.8)

15:30-15:45	**Dynamic Discussion** – Q & A from the audience, orchestrated by the moderators
15:45-16:15	**Coffee Break**

ORTHODONTICS
Moderators: Farid Bourzgui, Meshari Al Otaibi, Isabelle Savoye

16:15-16:45	Nuno Sousa Dias – Artificial Intelligence and Robotics: interesting tools for the orthodontist of the future
16:45-17:15	Simona Tecco – Temporomandibular dysfunction: the digital approach
17:15-17:45	Zakaria Bentahar & Zouhair Abidine – Science behind the most relevant indications of Digital Orthodontics in daily practice
17:45-18:00	**Dynamic Discussion** – Q & A from the audience, orchestrated by the moderators
20:00	**Gala Dinner**

Gala Dinner

The Gala Dinner is an iconic tradition of every DDS Congress: it is one of the most exclusive and relaxing moments of the event and this year will take place at the **Shore Club** (*10 Boulevard de l'Ocean Atlantic, Casablanca*), a beautiful venue right in front of the Ocean.

The **participation quote** is €120 and the gala requires seat reservation.

More info: info@digital-dentistry.org | congress.digital-dentistry.org

Saturday 14th October 2023

PROSTHETICS
Moderators: Chouaib Rifki, Phophi Kamposiora, Khalid Bouzekri

9:00-9:30	Rodrigo Salazar – 3D facial scanning: from static to dynamics. Our way to reach the meta-patient
9:30-10:00	Vygandas Rutkunas – Completing Digital Workflow for the Full-Arch cases
10:00-10:30	Fernando Zarone – Dental ceramics in the era of AI
10:30-10:45	**Dynamic Discussion** – Q & A from the audience, orchestrated by the moderators
10:45-11:15	**Coffee Break**

Moderators: Florian Beuer, Samir Abou-Ayash, Anass Bennani

11:15-11:45	Piero Venezia – Aesthetics and function in complete denture prosthesis: digital perspectives
11.45-12:15	Murali Srinivasan – CAD/CAM complete dentures
12:15-12:45	Francesco Mangano – Augmented Reality and Artificial Intelligence in Dentistry
12:45-13:00	**Dynamic Discussion** – Q & A from the audience, orchestrated by the moderators
13:00- 14:00	**Lunch Break**

MAXILLO-FACIAL SURGERY
Moderators: Devorah Schwartz-Arad, Gilberto Sammartino, Pasquale Piombino

14:00-14:30	Ashraf Ayoub – Robotic, flapless and dynamic navigation guided implant surgery
14:30-15:00	Abdulmalik Alyahya – Digital orthognathic solutions: the impossible that became possible!
15:00-15:30	Gwenn Swennen – Current strategies in orthognathic surgery and the potential impact of AI
15:30-16:00	Ashwini Bhalerao – The impact of dynamic navigation on implant accuracy, post-surgical recovery and health economics
16:00-16:15	**Dynamic Discussion** – Q & A from the audience, orchestrated by the moderators
16:15- 16:45	**Coffee Break**

ENDODONTICS
Moderators: Ken Serota, Yassir El Idrissi, My Ismail Afif

16:45-17:15	Roberto Fornara – From digital to artificial intelligence: what changes in endodontics
17:15-17:45	Paula Villa – Today's Endodontics : How far have we come?
17:45-18:00	**Dynamic Discussion** – Q & A from the audience, orchestrated by the moderators
18:00	**Closing Ceremony**

Local Secretariat

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