The 6th IMAGINA Dental edition, Digital technologies & Aesthetic dentistry congress will be held from 13 to 15 April 2017 at the Grimaldi Forum in Monaco. IMAGINA Dental is the industry's leading event for new digital technologies, 3-D and CAD/CAM in dentistry.

IMAGINA organizers invite dentists to a new generation of congress designed to help them better understand, learn and share experiences and clinical cases about how digital technologies could change their daily practice. From 3-D imagery and 3-D diagnostic tools to guided surgery, treatment planning, implantology, CAD/CAM, aesthetic restoration and Digital Smile Design, IMAGINA Dental brings a unique educational experience in an intimate setting, to discover and find out more how enjoyable innovative dentistry can be.

After last year’s edition (7–9 April 2016) it was apparent that IMAGINA has maintained its reputation as the leading congress for digital technology. In particular, participants emphasised the quality of the presentations and remarked that IMAGINA is more personal, giving the opportunity to engage with the presenters. More than 600 visitors from 26 countries attended the event, which received positive feedback from both the presenters and attendees.

Highlights of 2016 meeting

IMAGINA 2016 focused on CAD/CAM dentistry and microscopy, innovations in implantology and digital smile design.

The guest of honour at the opening session was Dr Marcus Abboud, Founding Chair of the Department of Prosthodontics and Digital Technology and Director of Continuing Education at Stony Brook University’s School of Dental Medicine in New York in the US. The title of his lecture was “Innovations in CAD/CAM and digital workflow for the daily practice”. Abboud pointed out that digital dentistry and 3-D printing have rendered possible what could only be dreamed of just a few years ago, including individualised bone grafts and trachea replacements for cancer patients. However, it is important to realise that these technologies do not replace knowledge or conventional treatments; rather, they open up new treatment avenues, he said.

“Innovations in implantology” was the theme of the second day and started with a presentation by Drs Luc Manhès and Guillaume Fougerais titled “At the dawn of artificial intelligence, how to leverage technologies to keep hold of our dental treatments?” The speakers demonstrated that using CBCT technology, it is possible to obtain perfect treatment planning in 3-D. They pointed out that very few dentists use the technology and emphasised the value of using CBCT. Only 3 per cent of dentists use surgical guides to place implants, but Manhès and Fougerais encouraged the use of a surgical guide even for a simple case “to see the technology through”.

Dr Joseph Choukroun was the guest of honour of the second day. In his presentation, titled “A-PRF and i-PRF: the latest innovations with the use of mesenchymal stem cells in the dental office”, he explained how it is possible today to treat patients who have lost bone, cartilage and collagen by regenerating the lost tissue with stem cells. In the past, harvesting stem cells and treating them were very difficult to achieve. However, today, stem cells can be extracted directly with a blood sample, and Choukroun presented the technique for quickly extracting stem cells and injecting them where needed.

The theme of the last day of the congress was “Digital smile design”. The room was full for Prof. Angelo Putignano’s presentation, titled “Simplexity in dentistry: The StyleItaliano approach”. He began by explaining the guiding foundation for his work—colour and details—and went on to demonstrate this, taking the attendees on a magical trip to see what can be achieved in aesthetics.

Save the date and join IMAGINA Dental in 2017!