

**EAO**)))  
**CONGRESS**  
EUROPEAN ASSOCIATION FOR OSSEOINTEGRATION

JOINT  
MEETING  
WITH



**SSP**

**SSOS**

SSRD



# GENEVA 2022

**UNITING NATIONS  
THROUGH INNOVATIONS**



**29 Sept. - 1 Oct. 2022**

Chair: Irena Sailer  
[congress.eao.org](http://congress.eao.org)

**& ONSITE  
ONLINE**

# Scientific programme

Geneva

onsite congress

Thu Fri Sat

## Thursday 29<sup>th</sup> September Morning

8:45 - 12:30

Room K

JUNIOR COMMITTEE HANDS-ON WORKSHOP

### My first implant

CHAIRS

Marianzela Alexopoulou (Greece) & João Pitta (Switzerland)

#### THEORETICAL TRAINING

##### Osseointegration and factors influencing osseointegration

**Kathrin Becker** (Germany)

##### Treatment planning

**Marianzela Alexopoulou** (Greece)

##### Implant characteristics

- Parallel wall vs conical
- Bone level vs tissue level
- Implant connections
- Implant surfaces

**Lucrezia Paterno Holtzman** (Italy) & **Ignacio Sanz Sánchez** (Spain)

##### Surgical aspects of implant placement

- Tridimensional implant placement step by step and guided surgery

**Nikolay Makarov** (Russia)

##### Risks & complications

**Balazs Feher** (Austria)

##### Prosthodontic rehabilitation of implants

- Conventional tools
- Digital tools
- Restorative materials

**João Pitta** (Switzerland) & **Pavel Scarlat** (Moldova)

#### PRACTICAL TRAINING

##### Hands-on exercises with pig jaws

*This session has been organized thanks to the support of BioHorizons Camlog, Dentsply Sirona, Geistlich, Nobel Biocare Services AG, Straumann Group and HuFriedyGroup.*

8:30 - 10:00

Room V+W

THE SWISS DAY +

### In vs out

CHAIRS

Dena Hashim (Switzerland) & Hrvoje Jambrec (Switzerland)

The tumultuous teeth's journey of a perio patient - The value of teeth in periodontitis patients

**Norbert Cionca** (Switzerland)

Aging implants, fountain of Youth? The value of implants in periodontitis patients

**Giovanni Salvi** (Switzerland)

SSD

10:30 - 12:00

Room V+W

THE SWISS DAY +

### Fixed vs removable

CHAIRS

Fidel Ruggia (Switzerland) & Martin Schimmel (Switzerland)

Fixed prosthodontics, what else?

Pros & Cons, Advanced Skills and Limits of IRFPD

**Goran Benic** (Switzerland)

The secret life of removable dentures: do RPDs still have a legitimate indication in dentistry?

**Malin Strasdning** (Switzerland)



12:00 - 12:45 | SGI-SSIO General Assembly | Room C  
 | SSOS General Assembly | Room V+W  
 | SSP General Assembly | Room A

Thu Fri Sat

## Thursday 29<sup>th</sup> September Afternoon

12:45 - 14:30

Opening ceremony | Room Geneva

followed by the session:

Room Geneva

### The virtual patient

O&O

CHAIRS

Irena Sailer (Switzerland) & Bjarni Pjetursson (Iceland)

Digital human technology - From entertainment to medical applications

**Thabo Beeler** (Switzerland) & **Markus Gross** (Switzerland)

Virtual patient: where are we at in daily practice regarding digital workflows?

**Ricardo Mitrani** (Mexico)

PLENARY 1

15:00 - 16:15

Room Geneva

SESSION 1

### Innovations in patient treatment planning and communication

CHAIRS

Florian Beuer (Germany) & Krystztof Chmielewski (Poland)

Innovation and technology for patient treatment planning and communication

**Pablo Ramirez** (Spain)

**José Manuel Navarro** (UK)

Evidence on the importance and effectiveness of patient communication: how do we gain trust?

**Rino Burkhardt** (Switzerland)

Computer-designed smiles

**Andrea Ricci** (Italy)

O&O

Room B

SESSION 2

### Is 3D radiology a mandatory part of treatment planning?

CHAIRS

Markus Hürzeler (Germany) & Andrew Dawood (UK)

Update on technology and current accuracy of 3D imaging (CT, CBCT, MRI)

**Florian Probst** (Germany)

Evidence for the need for 3D imaging

**Dennis Rottke** (Germany)

Optimization for 3D imaging

**Rubens Spin-Neto** (Denmark)

O&O

Room V+W

THE SWISS DAY +

### Simple vs complex

CHAIRS

Philippe Rieder (Switzerland) & Sven Mühlemann (Switzerland)

Simple is beautiful: design of implants and prostheses to minimize surgical procedures

**Nicola Zitzmann** (Switzerland)

It takes what it takes: sufficient bone and soft tissues are key for implant placement

**Bernd Stadlinger** (Switzerland)

SGI  
SSIO  
SSIO  
SSIO

Room V+W

THE SWISS DAY +

### Primary vs transcrestal SFE

CHAIRS

Riccardo Kraus (Switzerland) & Sebastian Kühn (Switzerland)

Sinus augmentation and autogenous bone: a love story. Primary sinus floor elevation with calvarian autogenous bone

**Johan Abeloos** (Belgium)

Approaching the sinus... gently!

Transcrestal sinus floor elevation

**Simon Abi Najm** (Switzerland)

SSOS

16:30 - 18:30 | Industry forums organized by our partners

See page 10 for more details

18:30 | Get together party | Palexpo (Foyer rooms ABC)

Open to all delegates

20:00 | EAO & Swiss associations members & faculty dinner

Bâtiment des Forces Motrices

Ask for your invitation card at the table plan desk in the registration area and choose a table with your friends.

22:00 | Congress party | Java Club

Open to all delegates

19:00 - 22:30

Connect to the Geneva online congress platform and watch a selection of today's sessions, broadcast in a shorter and innovative format.

See detailed programme on page 8

Included for free in your onsite registration

# Friday 30<sup>th</sup> September

## Morning

9:00 - 10:30

Room Geneva

SESSION 3

### The unhappy implant patient

CHAIRS

Nikos Mattheos (*Hong Kong*)  
Mette Rylev (*Denmark*)

Patient-reported treatment outcomes

**Klaus Gotfredsen** (*Denmark*)

How to diagnose the critical patient?

**Tim Newton** (*UK*)

What to watch out for when treating such a patient?

**Páll Matthiasson** (*Iceland*)



Room B

SESSION 4

### Innovations in implant diagnostics/planning

CHAIRS

Henning Schliephake (*Germany*)  
Ignacio Sanz Sánchez (*Spain*)

Guided/navigated implant surgery vs. brain driven implant surgery

**Atiphan Pimkhaokham** (*Thailand*)

The pros and cons of service centres for planning of implant surgery

**Sonia Leziy** (*Canada*)

Artificial Intelligence and augmented reality in implant planning

**Francesco Mangano** (*Italy*)

Room A

ORAL COMMUNICATIONS

### Basic research 1

More information at [app.eao.org](http://app.eao.org)

Room K

ORAL COMMUNICATIONS

### Clinical innovations 1

More information at [app.eao.org](http://app.eao.org)

11:15 - 12:30

Room Geneva

SESSION 5

### Innovations in implant design, components and materials

CHAIRS

Stefano Gracis (*Italy*)  
Nicola Zitzmann (*Switzerland*)

Traditional implant designs

**Konrad Meyenberg** (*Switzerland*)

Innovative implant designs

**Venceslav Stankov** (*Bulgaria*)

Different concepts of modifying the transmucosal component

**Luigi Canullo** (*Italy*)



Room B

SESSION 6

### Evolution in regeneration part 1

CHAIRS

Christoph Hämmerle (*Switzerland*)  
Anne Benhamou (*France*)

The evolution of bone regeneration and bone reconstructive techniques

**Matteo Chiapasco** (*Italy*)

**Luca de Stavola** (*Italy*)

The evolution of soft tissue augmentation: enhancement of peri-implant health

**Alfonso Gil** (*Switzerland*)

**Daniel Thoma** (*Switzerland*)

More innovations in hard and soft tissue regeneration presented in session 8 from 14:15 to 15:45

Room A

### Clinical video competition by the EAO Junior Committee

CHAIRS

Nikolay Makarov (*Russia*)  
Pavel Scarlat (*Moldova*)

During this session, 10 candidates will present their clinical cases in video format.

Attend this innovative session and learn about the best clinical cases from across the world! The best presentation will be awarded the European prize for clinical video on implant dentistry at the awards ceremony on Saturday 1<sup>st</sup> October.

9:00 - 11:30 | Hands-on sessions organized by our partners  
See page 14 for more details

13:00 - 14:00 | Industry forums organized by our partners  
See page 10 for more details

# Friday 30<sup>th</sup> September

## Afternoon

14:15 - 15:45

Room Geneva

SESSION 7

### Critical evaluation of immediacy in implant dentistry – are more efficient workflows possible and evidence based?

CHAIRS

Gil Alcoforado (*Portugal*)  
Lucrezia Paterno Holtzman (*Italy*)

Staged approach in the anterior region

**Ueli Grunder** (*Switzerland*)

Concept of immediacy in the anterior regions

**Stavros Pelekanos** (*Greece*)

Concept of immediacy in the posterior regions

**France Lambert** (*Belgium*)

Room B

SESSION 8

### Evolution in regeneration part 2

CHAIRS

Christoph Hämmerle (*Switzerland*)  
Anne Benhamou (*France*)

The evolution of soft tissue augmentation: enhancement of implant aesthetics

**Alfonso Gil** (*Switzerland*)

**Daniel Thoma** (*Switzerland*)

The evolution of soft tissue augmentation: enhancement of peri-implant health

**Martin Janda** (*Sweden*)

This session will include an extensive discussion between the speakers of sessions 6 and 8.

Room A

ORAL COMMUNICATIONS

### Basic research 2

More information at [app.eao.org](http://app.eao.org)

Room K

ORAL COMMUNICATIONS

### Clinical innovations 2

More information at [app.eao.org](http://app.eao.org)

14:00 - 16:30 | Hands-on sessions organized by our partners  
See page 14 for more details

16:15 - 17:45

Room Geneva

### Does the digital approach improve treatment efficiency?



CHAIRS

Isabella Rocchietta (*Italy*)  
Ronald Jung (*Switzerland*)  
Daniel Buser (*Switzerland*)

Live surgical 3D bone regeneration procedures assessing the exact time of two different approaches: digital technologies in regeneration (3D membranes or bone graft) vs. the conventional approach (autologous graft)

Parallel surgery 1: **Istvan Urban** (*Hungary*)

Parallel surgery 2: **Mario Rocuzzo** (*Italy*)

PLENARY 2

18:00 - 19:00 | EAO General Assembly | Room K

19:30 - 21:00 | Happy Hour | Rooftop\*42

19:00 - 23:30

Connect to the Geneva online congress platform and watch a selection of today's sessions, broadcast in a shorter and innovative format.

See detailed programme on page 8

Included for free in your onsite registration

# Saturday 1<sup>st</sup> October

## Morning

9:00 - 10:15

Room Geneva

SESSION 9

### What did we learn in 30 years of implant dentistry?

CHAIRS

Helena Francisco (Portugal)  
Iva Milinkovic (Serbia)  
Jaime Gil (Spain)

Round table discussion of cases with surgical/ prosthetic/ long-term complications with dental implants

**Christoph Hämmerle** (Switzerland)  
**Björn Klinge** (Sweden)  
**Niklaus P. Lang** (Switzerland)  
**Dennis Tarnow** (USA)



Room B

SESSION 10

### Digital articulation and function

CHAIRS

Javier Fábrega (Spain)  
João Pitta (Switzerland)

Overview of current technology: virtual facebow, virtual articulation and function, influence on the CAD-CAM design

**Guillermo Pradies** (Spain)

Does new technology reduce the risk of wear, chipping or fracturing of implant restorations?

**Duarte Marques** (Portugal)

Can virtual technology help managing patients with bruxism?

**Daniele Manfredini** (Italy)

9:00 - 10:30

Room C

BATTLE OF CONCEPTS BY THE EAO JUNIOR COMMITTEE

### Management of molars with an unfavourable periodontal and/or restorative prognosis

CHAIRS

Kathrin Becker (Germany)  
Ignacio Sanz Sánchez (Spain)

The periodontal approach. When to go for periodontal regeneration and when to choose resective approaches

**Ulrike Schulze-Späte** (Germany)

The implant approach. How should we manage the periodontal patient to further receive dental implants? When is it worthy to extract the molar and to place an implant?

**Giulia Brunello** (Italy/Germany)

Dental autotransplantation. Can the use of digital tools improve the outcome and predictability? Is there any age limit?

**Ernest Lucas-Taulé** (UK)

Room A

ORAL COMMUNICATIONS

### Clinical research - peri-implant biology

More information at [app.eao.org](http://app.eao.org)

Room K

ORAL COMMUNICATIONS

### Clinical research - surgery 1

More information at [app.eao.org](http://app.eao.org)

9:00 - 11:30 | Hands-on sessions organized by our partners  
See page 14 for more details

# Saturday 1<sup>st</sup> October

## Morning + Afternoon

11:00 - 12:30

Room Geneva

SESSION 12

### Digital vs conventional technologies in the fabrication of restorations

CHAIRS

Vincent Fehmer (Switzerland)  
Daniel Edelhoff (Germany)

Digital fabrication procedures (3D printing and milling) - where are we today?

**Marta Revilla León** (Spain)

New restorative materials and their indications and limitations

**Burak Yilmaz** (Turkey)

Monolithic restorations supported by implants: single unit to full arch

**Francesco Mintrone** (Italy)



Room B

SESSION 13

### Can advanced technologies help in the maintenance of implants and implant restorations?

CHAIRS

Kathrin Becker (Germany)  
Turker Ornekol (Turkey)

Overview of technological possibilities for monitoring (intraoral impressions and monitoring software)

**Ivo Krejci** (Switzerland)

Software for risk assessment including Artificial Intelligence. How to inform patients?

**Christoph Ramseier** (Switzerland)

How do you think maintenance of implants will be done in the future?

**Mariano Sanz** (Spain)

Room A

ORAL COMMUNICATIONS

### Clinical research - prosthetics

More information at [app.eao.org](http://app.eao.org)

Room K

ORAL COMMUNICATIONS

### Clinical research - surgery 2

More information at [app.eao.org](http://app.eao.org)

12:45 - 13:45 | Industry forums organized by our partners  
See page 10 for more details

14:00 - 16:30 | Hands-on sessions organized by our partners  
See page 14 for more details

14:00 - 15:45

Awards ceremony | Room Geneva

followed by the session:

Room Geneva

### Does investing in new technology improve patients' and clinicians' lives?



CHAIRS

Stefan Wolfart (Germany)  
Luca Cordaro (Italy)

Changing a practice from conventional to digital

**Hans-Peter Weber** (USA)

Is all the investment into digital technologies worthwhile? Does the technology really improve the lives of our patients and our patient care?

**Henri Hagenmüller** (Switzerland)

Guest of Honour - **Benoit Varenne** (World Health Organization)

PLENARY 3

15:45 - 16:00 | Closing ceremony | Room Geneva

19:00 - 23:00

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See detailed programme on page 8

Included for free in your onsite registration



Geneva

online congress

congress.eao.org

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& ONLINE






Some sessions of the onsite congress tagged with **O:O** have been selected to be broadcast in a shorter and innovative format for the online congress during the three evenings.

Included for free in your onsite registration

Thursday  
29<sup>th</sup> September

Friday  
30<sup>th</sup> September

Saturday  
1<sup>st</sup> October

19:00	Insight of the day	Insight of the day	Insight of the day
19:15	<b>Plenary 1 highlights - The virtual patient</b> Markus Gross (Switzerland) Thabo Beeler (Switzerland) Ricardo Mitrani (Mexico) Bjarni Pjetursson (Iceland) Irena Sailer (Switzerland)	<b>LET'S TALK</b> <b>Innovations in implant design, components and materials</b> Venceslav Stankov (Bulgaria) Luigi Canullo (Italy) Konrad Meyenberg (Switzerland)	<b>BATTLE</b> <b>Digital vs conventional technologies in the fabrication of restorations</b> Daniel Edelhoff (Germany) Vincent Fehmer (Switzerland)
19:45	<b>#IS IT TRUE</b> <i>Fact checking with experts commenting an assumption based on scientific literature and personal experience</i> Mirela Feraru (Israel) José Manuel Navarro (UK) Markus Hürzeler (Germany)	<b>#IS IT TRUE</b> <i>Fact checking with experts commenting an assumption based on scientific literature and personal experience</i> Atiphan Pimkhaokham (Thailand) Rino Burkhardt (Switzerland) Daniel Thoma (Switzerland)	<b>#IS IT TRUE</b> <i>Fact checking with experts commenting an assumption based on scientific literature and personal experience</i> Ueli Grunder (Switzerland) Vincent Fehmer (Switzerland) Guillermo Pradies (Spain)
20:05	<b>Industry forum</b> <b>The Digital Road Map - from planning to the final restoration</b> Dimitar Filtchev (Bulgaria)	<b>Industry forum</b> <b>Immediate treatment options for edentulous patients with the severely atrophied maxilla</b> Sepehr Zarrine (France)	<b>Industry forum</b> <b>A New Era of Predictable Bone Grafting</b> Hector Sarmiento (USA)
20:27			
20:30	<b>PRIME TIME Debate</b> <b>Innovations in patient treatment planning and communication</b> Florian Beuer (Germany) Rino Burkhardt (Switzerland) Krystzof Chmielewski (Poland) José Manuel Navarro (UK) Pablo Ramírez (Spain) Andrea Ricci (Italy)	<b>PRIME TIME Debate</b> <b>The unhappy implant patient</b> Klaus Gotfredsen (Denmark) Nikos Mattheos (Hong Kong) Páll Matthíasson (Iceland) Tim Newton (UK) Mette Rylev (Denmark)	<b>PRIME TIME Debate</b> <b>What did we learn in 30 years of implant dentistry?</b> Helena Francisco (Portugal) Jaime Gil (Spain) Christoph Hämmerle (Switzerland) Björn Klinge (Sweden) Niklaus P. Lang (Switzerland) Iva Milinkovic (Serbia) Dennis Tarnow (USA)
21:30	<b>Industry forum</b> <b>Inspiration TALKS: The future starts now - utilizing technology and seamless workflows</b> Mark Ludlow (USA)	<b>Industry forum</b> <b>Short guided Implants, a step forward</b> Orlando Alvarez (Chile)	<b>Plenary 3 highlights - Does investing in new technology improve patients' and clinicians' lives?</b> Luca Cordaro (Italy) Henri Hagenmüller (Germany) Benoit Varenne (Switzerland) Hans-Peter Weber (USA) Stefan Wolfart (Germany)
21:52			
22:00	<b>TELL ME MORE ABOUT ...</b> <b>Is 3D radiology a mandatory part of treatment planning?</b> Markus Hürzeler (Germany)	<b>Plenary 2 - Live surgery highlights - Does the digital approach improve treatment efficiency?</b> Daniel Buser (Switzerland) Ronald Jung (Switzerland) Isabella Rocchietta (Italy) Mario Rocuzzo (Italy) Istvan Urban (Hungary)	
22:30			
23:00			
23:30			

PRIME TIME

Debate

INNOVATIONS IN PATIENT TREATMENT PLANNING AND COMMUNICATION

José Manuel Navarro

Pablo Ramírez

Andrea Ricci

Rino Burkhardt



THE UNHAPPY IMPLANT PATIENT

Klaus Gotfredsen

Tim Newton

Páll Matthíasson



WHAT DID WE LEARN IN 30 YEARS OF IMPLANT DENTISTRY?

Christoph Hämmerle

Björn Klinge

Niklaus P. Lang

Dennis Tarnow



Relive all the Prime Time Debates, available on our online platform until October 31<sup>st</sup>.

Live from Geneva on

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