



A HEARTFUL INVITATION

It is our great pleasure to invite you to the second Orthodontic Biomechanics Symposium in the wonderful city of Rome in October 2023.

This 2-day meeting is organized by the Biomedes association, in cooperation with the Italian societies SIDO and SIBOS, 4 years after the first successful symposium in Qatar.

We will provide you with lectures related to orthodontic biomechanics, given by some excellent experts in the field coming from every continent.

We are sure that you will have a unique experience, both in the scientific and social aspects, Rome is just amazing in October!

An additional opportunity will be given to those who would like to attend the 54th Italian Orthodontic Society (SIDO) International Meeting, probably the most important European orthodontic meeting, that will take place in the same venue in the days immediately after our Symposium.

For those who will register for our Symposium, it will be possible to attend the SIDO meeting at an extremely favorable price.

Online registrations will open on our website, www.biomedes.org, by the end of March.

We are looking forward to welcoming you to Rome in October next year!

Elsa Arango, Biomedes President
Giorgio Florelli, Meeting Coordinator and
Biomedes past president



Visit our website
www.biomedes.org
for updates, registrations
and the final program.



Rome, Italy
11 - 12
October 2023

PRELIMINARY PROGRAM

17 International
Speakers

VENUE
Hilton La Lama
Roma Eur

Sponsored
AO AMERICAN
ORTHODONTICS

Organized by
Biomedes

in Collaboration with



MEET OUR SPEAKERS



**OCT 11
MORNING**

JUAN CONTRERAS
CHILE

The use of rectangular loops in alignment and leveling.



ZAFAR HUSANOV
SOUTH KOREA

Biomechanical mistakes in the use of TADs and the ways to solve them.



PAOLA MERLO
SWITZERLAND

When is the segmented rather than straight wire approach a significant clinical advantage?



JEAN - MARC RETROUVEY
USA

How AI could facilitate the clinical application of rational biomechanics.



FRANKLIN SHE
CHINA

Adult orthodontic full mouth reconstruction, an interdisciplinary approach.



HRISTINA ARNAUTSKA
BULGARIA

Why force-driven orthodontics in cases with incorrect position of the incisors.



**OCT 11
AFTERNOON**

MARINO MUSILLI
ITALY

Upper molar mesial and distal mover: the biomechanical way in problem solving.



ELSA ARANGO
COLOMBIA

Biomechanics, a tool for social orthodontics.



STEFANIA RADO
HUNGARY

Predictability of tooth movement with individual biomechanical planning for severe perio cases.



SIVABALAN VASUDAVAN
AUSTRALIA

Dental trauma and the challenges for orthodontic treatment.



ERKJAN TIMMER
NETHERLAND

A biomechanical orthodontic approach for restoration of dental toothwear.



WISLEI OLIVEIRA
BRAZIL

The six geometries: do they always apply in statically indeterminate alignment?



**OCT 12
MORNING**

EUGENE ROBERTS
USA

History of the development of orthodontic Biomechanics
Finite Element Modeling



AFTERNOON

KWANGCHUL CHOY
SOUTH KOREA

Correction of asymmetries.



DANIELA GARBO
ITALY

Biomechanics in the patient with periodontal problems.



PAOLO CATTANEO
AUSTRALIA

Orthodontic force systems and root resorption.



VICENZO D'ANTÒ
ITALY

Key factors in biomechanics of clear aligners: materials, setup, staging and auxiliaries.

