



ISBS 2011

PORTO PORTUGAL





Annual Symposium for
Biomechanics in Sports

Organization



University of Porto
Faculty of Sport



Technical University of Lisbon
Faculty of Human Movement Studies

Support



Portuguese Society of Biomechanics



Porto Convention Bureau

Chairmen

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<http://isbs2011.fade.up.pt>



ISBS 2011

PORTO PORTUGAL

Annual Symposium for
Biomechanics in Sports
June 27th to July 1st 2011

Other important dates

Jan. 15 // Abstracts deadline

Feb. 15 // Registration opens / Notice of acceptance

Mar. 01 // Paper submissions due

Apr. 15 // Early registration discount deadline

<http://isbs2011.fade.up.pt>

Conference venue

The Faculty of Sport of the University of Porto displays modern and very well equipped facilities for sports and academic activities.

It is located at the "Asprela pole" of the University and is surrounded by the Faculty of Engineering, the Institute of Pathology and Immunology of the University of Porto (devoted to cancer research) and the Biotechnology Department of the Portuguese Catholic University. Since the University of Porto is an open institution, participants in the ISBS2011 will be very welcome in any one of these locations.

The "Asprela pole" of the University is well served of connections (metro, buses and taxis) to the city centre, the city historical and riverbank centres, and the new local and business centre: Boavista.

During summer, the weather in Porto is quite attractive. It's warm (between 20 to 30°C), inviting for outdoor living, active leisure and friendship, and we have day light from 06.00 a.m. to 22.00 p.m. Light clothes are recommended.

A golf-club or a sweater may be useful at night. Sporting clothes are needed for the animated sports activities organised during the congress or for those delegates that want to perform by their own at the sport facilities.

Available at the congress venue (exercise room, tennis, squash, swimming pool, running circuit, or sauna).

Portuguese people are warm and friendly, very solicit, cooperative and peaceful. It's a safe country with low criminality, compared with most of the other European countries. Porto is, indeed, a safe city.

Strong points:

- Enthusiastic organizing team
- Easy to reach Porto, venue and city centre
- Support of the Universities (100th Anniversary of UPorto)
- Strong connection with sports practice (applied sessions!)
- Previous training / experience (BMS2006)
- Attractive to exhibitors (LABIOMEF)
- Cultural / social parallel events
- Paper published proceedings (indexed)

But particularly:

- Port wine
- Sunshine
- Inexpensive cost of life
- Touristic options



<http://isbs2011.fade.up.pt>

Weak points:

- There is a scientific programme to follow...
- Non-native English speaking people... but we will try our best!

Please, try with us...

Three Swedish switched witches watch three Swiss Swatch watch switches. Which Swedish switched witch watch which Swiss Swatch watch switch?



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Chairmen / contacts:

J. Paulo Vilas-Boas

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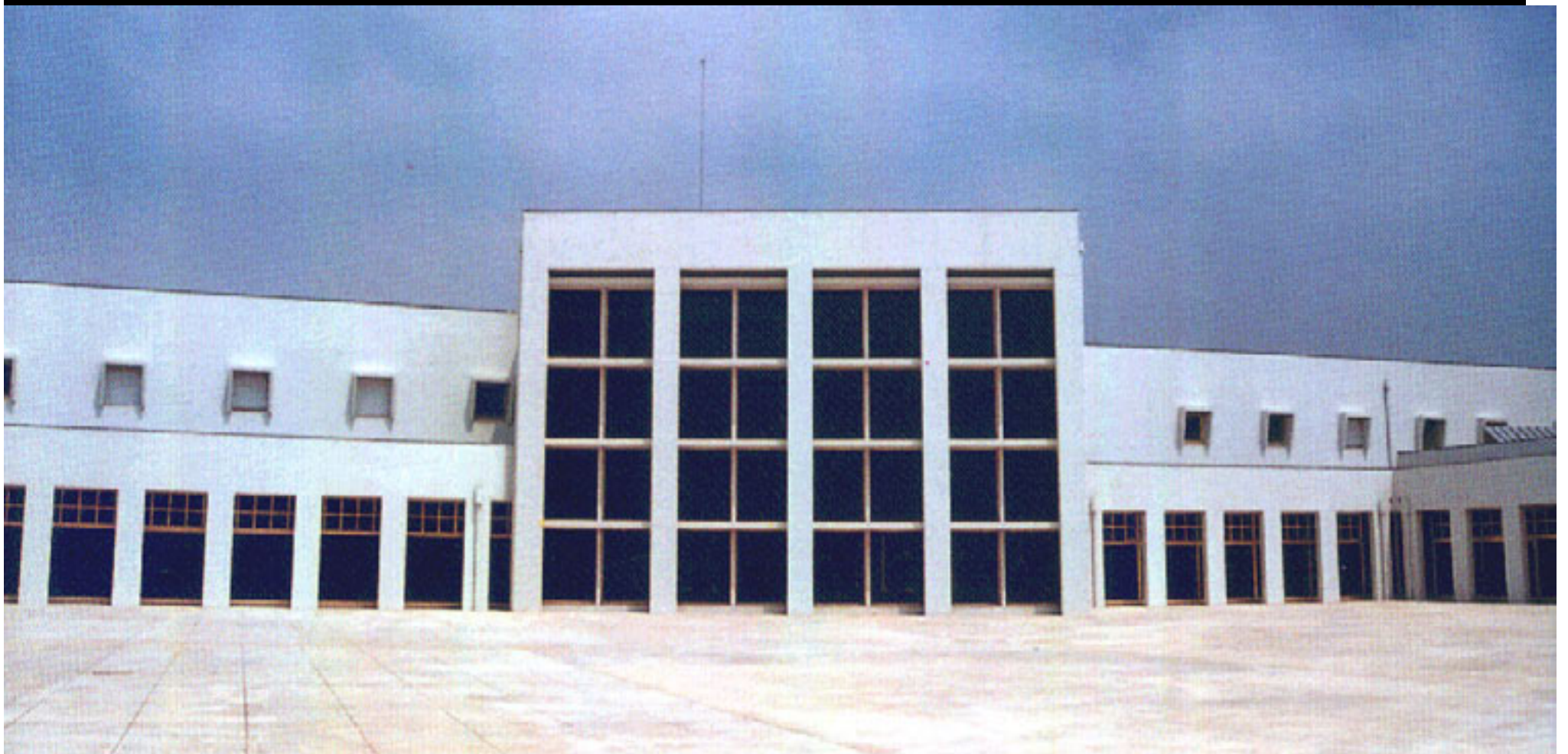
António Prieto Veloso

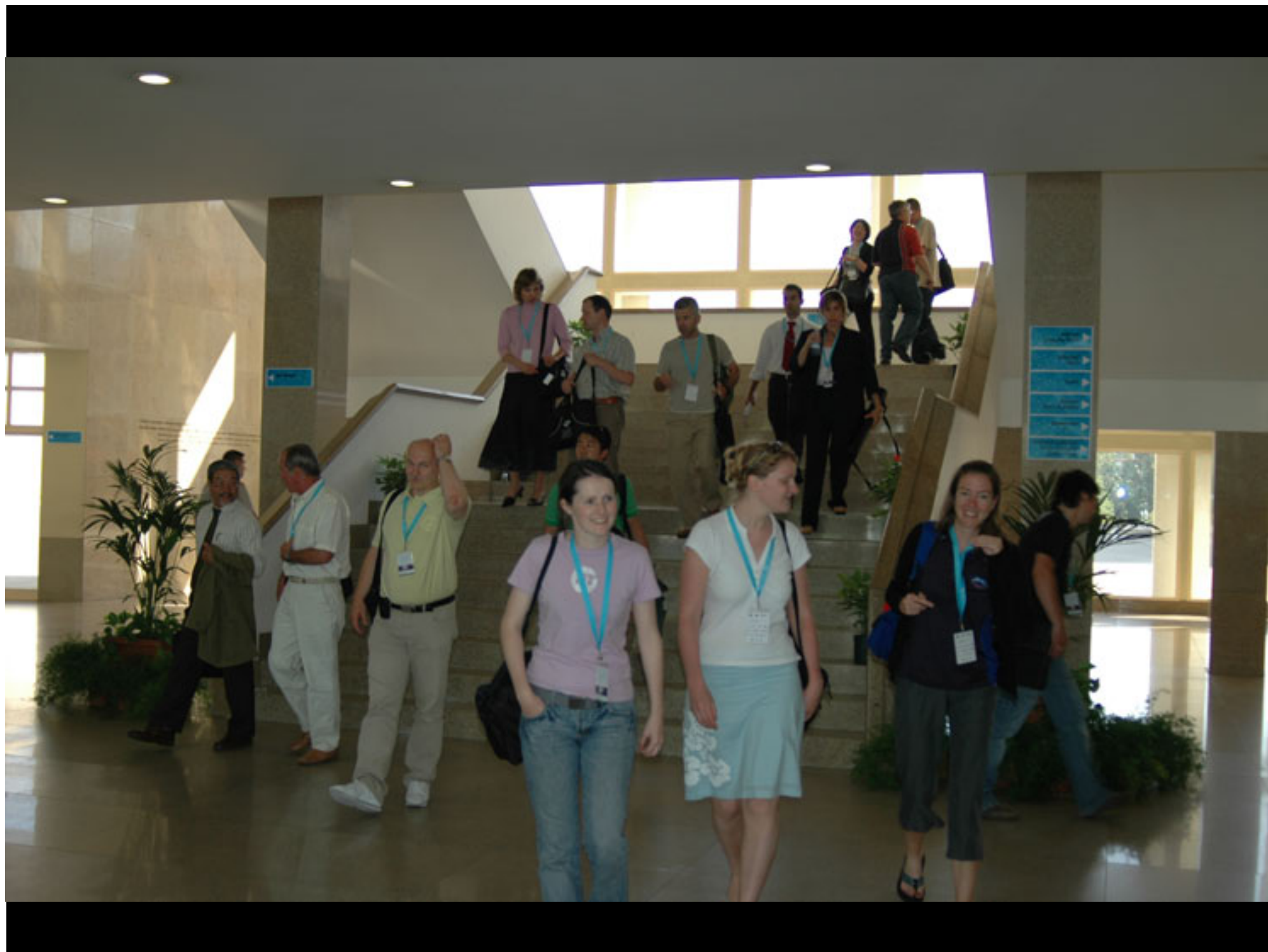
Associated professor at the Technical University of Lisbon

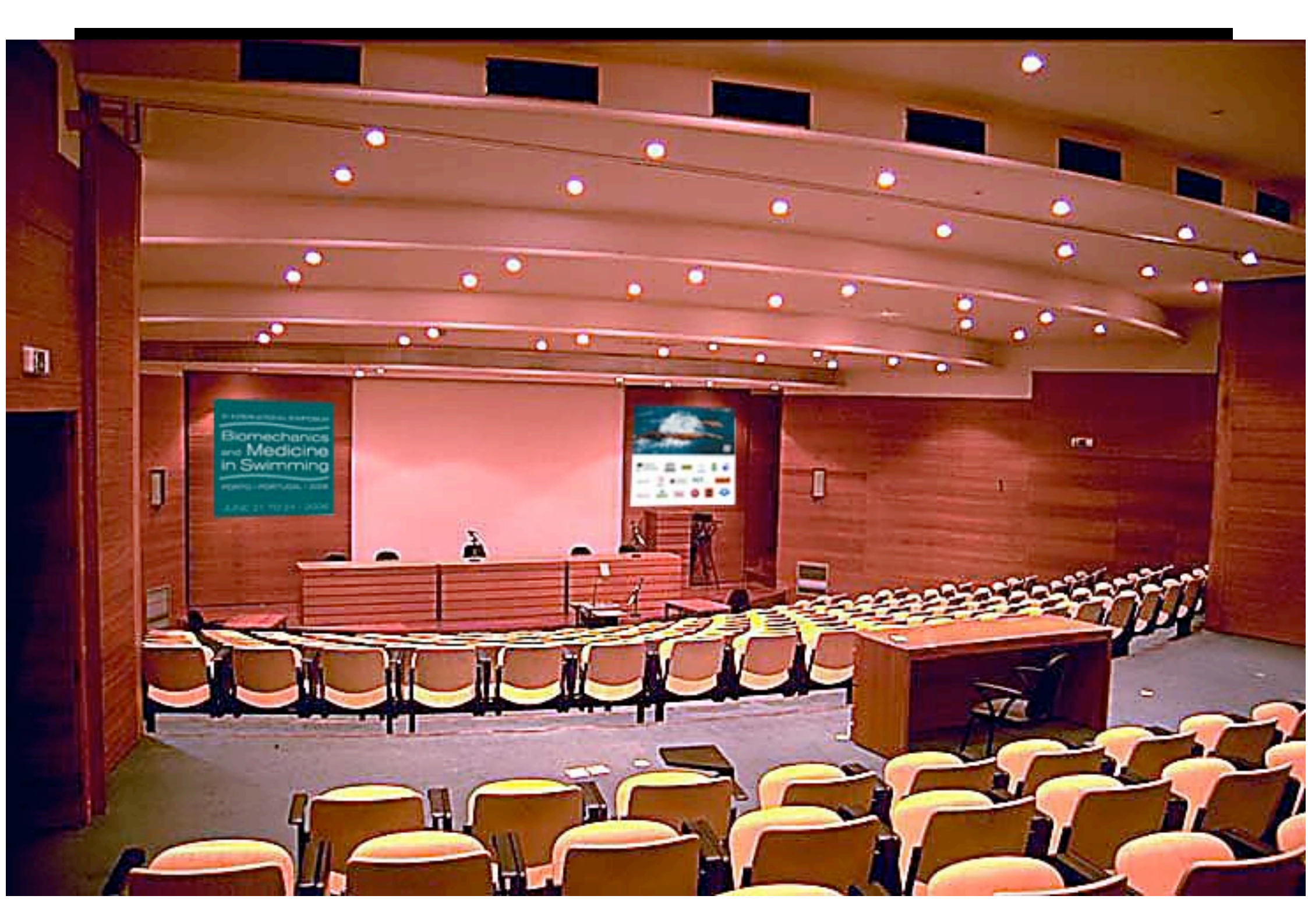
Past-president of the Portuguese Society of Biomechanics

apveloso@fmh.utl.pt













OF THE VELOCITY

Tiago Barbosa¹

When $T_{\text{min}} \propto \sqrt{D_{\text{max}}}$ and its values for the
of subjects of the particular samples.

smaller values of D_{max} the best model is
that showed larger values of T_{min} . A
stronger technique were characterized by
glomerular area showed a direct relation.

ally should be searched in relation, on
a smaller energy contribution at $\sqrt{D_{\text{max}}}$
equally activity and particle permeability
energy systems. In addition, a more
as improving how T_{min} is related to the
with butterfly wing morphology. Further

different intensity of T_{min} test for each



During the study

data and from the test, larger values of
activity and the future higher tests.

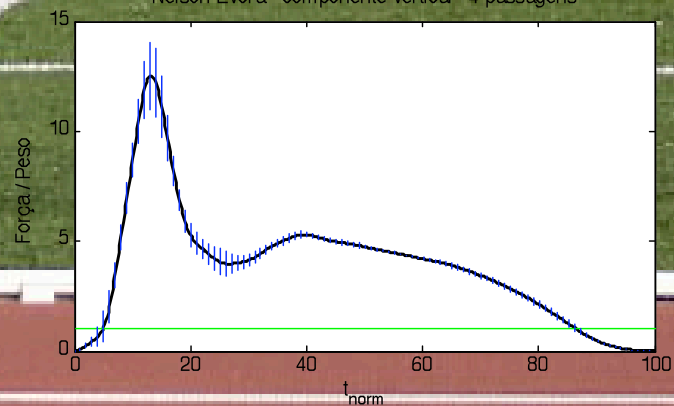
large number of subjects tested
were characterized, and that a
relationship between butterfly wing
morphology and T_{min} was
established. The results of the
study showed that the

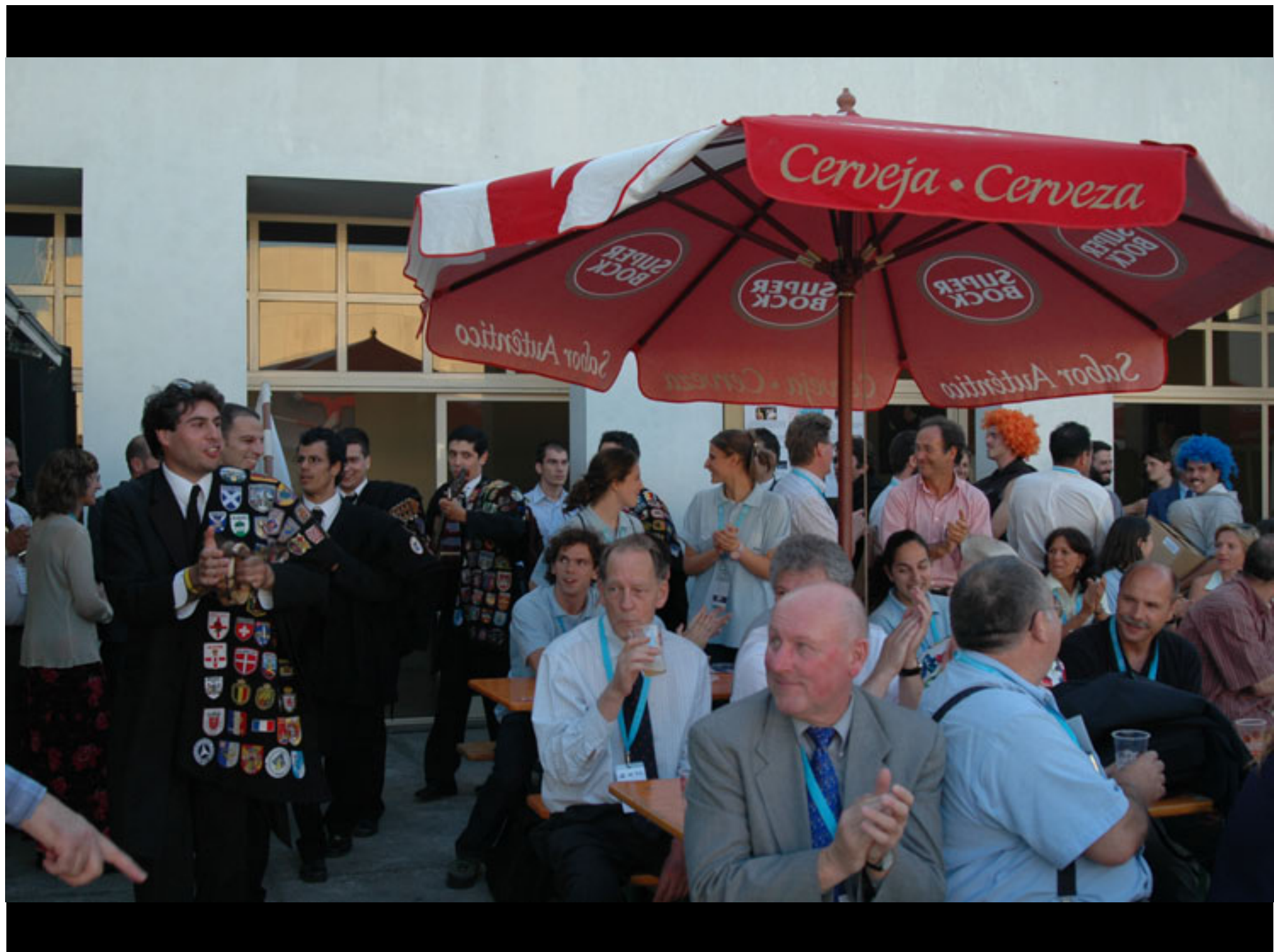






Nelson Evora - componente vertical 4 passagens





















be prepared!