

**73rd Annual Meeting of the European
Federation of Animal Science**

PORTO, September 5-8, 2022

As you might remember, we should have been together in early September 2020 in the marvelous city of Porto for the 71st Annual Meeting of EAAP. However, the global pandemic situation made it impossible to gather in person ...

Being an audacious and courageous people, Portuguese never give up, and so, we are delighted to inform you we will have the **73rd Annual Meeting of EAAP in Porto. On September 5th to 8th, 2022!**

This pandemic showed us that our sector never stops, that animal production continues to put food in people's houses, and that we are an essential part of society. In 2022 we will surely be under the economic and societal consequences of this pandemic, and the climate urgency makes challenges in Animal Science more urgent than ever, and we, as its scientific community will be on top and ahead of them.

In this way, the program will cover various areas of knowledge, such as nutrition, genetics, physiology, animal health and welfare, livestock farming systems, precision livestock farming, insect production and use, cattle, horse pig, sheep and goat production. These topics will be filled with innovation and recent scientific results leading animal production in the right path.

The European Federation of Animal Science (EAAP) Annual Meeting gives an opportunity for the application of new ideas in practice through many parallel sessions, a plenary meeting, poster presentations, and discussions about scientific achievements in livestock production all around the world.

This is, as you know, a privileged discussion forum where the research community meets with the industry, to discuss and plan for how to address the multiple challenges that animal science sector has to cope with in the upcoming years.

All these activities make the EAAP one of the largest animal science congresses in the world.

As a community, we will have to make up for the lost opportunity to be face to face networking this year. We hope to welcome a new record breaking number of participants worldwide.

To make up for it, we will organize a vast excellent, and of course unforgettable, social program throughout the week, starting with the welcome ceremony, a typical Portuguese night, a gala dinner, as well as great technical tours and an exquisite accompanying persons program.

The 73rd annual meeting of EAAP: EAAP2022, will be a unique opportunity to add work with pleasure and restart travelling. Porto is the place to be in 2022!

The last EAAP meeting held in Portugal was in 1987. 35 years, and the year 2020 in the middle, Portugal will have the privilege to finally host the annual meeting of EAAP, in the fabulous city of Porto.

We welcome you and wish you an unforgettable stay in our country!



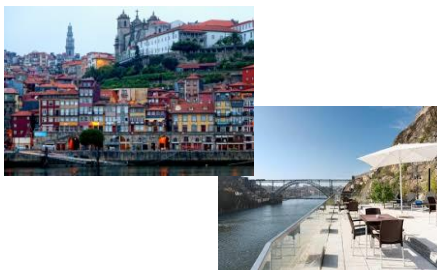
The Venue

Alfândega do Porto CC
Rua Nova da Alfândega
Edifício da Alfândega
4050-430 PORTO
(+351) 223 403 000/24
www.ccalfandegaporto.com



Accommodation

A list with rooms in different category hotels in the neighborhood of the Alfândega Congress Center will be available on the website soon.



Abstract Submission

Information and guidelines:
Soon
Submission deadline: soon.

How to register

More information soon.



Congress Secretariat

Skyros
Av. Antunes Guimarães, 554
4100 – 074 Porto



The 73rd EAAP annual meeting is organized by the Portuguese Association of Animal Science (APEZ) under the patronage of the Ministry of Agriculture of Portugal.

The organization of this event is also in close collaboration with other Portuguese institutions, including National Institute of Agrarian and Veterinarian Research (INIAV), FeedInov CoLab, University of Trás-os-Montes and Alto Douro (UTAD), University of Lisbon (ISA and FMV), University of Évora (UE), University of Porto (UP-ICBAS), University of Minho (UM), Politechnic Institutes of Bragança, Viseu, Viana do Castelo, Coimbra, Santarém, Institute for Systems and Computer Engineering, Technology and Science (INESC TEC), and also with the collaboration of several competence centers and research institutes that work in the area.

Portuguese Steering Committee

Presidents

Ana Sofia Santos (APEZ - Feedinov Colab)
Olga Moreira (INIAV)

Executive secretaries

Elisabete Mena (APEZ - UTAD)
Mariana Almeida (APEZ - UTAD)
Pedro Santos Vaz (APEZ)
Telma G. Pinto (APEZ)

Members

Amélia Ramos (APEZ-ESAC)
Ana Geraldo (APEZ)
André Almeida (APEZ - ISA-ULisboa)
Ângela Martins (APEZ-UTAD)
Divanildo Monteiro (APEZ-UTAD)
Jorge Oliveira (APEZ - ESA-IPV)
Rui Charneca (APEZ - UÉvora)



Portuguese Scientific Committee

Presidents

Ana Sofia Santos (FeedInov CoLab)
Olga Moreira (INIAV)

Executive members

José Pedro Araújo (ESA-IPVC)
Divanildo Monteiro (UTAD - APEZ);
Jorge Oliveira (ESA-IPV - APEZ)
Luís Ferreira (UTAD - APEZ)

Animal Genetics

António Marcos Ramos (CEBAL)
Jorge Oliveira (ESA – IPV)
Luís Telo da Gama (FMV-ULisboa)
Nuno Carolino (INIAV)

Animal Health and Welfare

Joaquim Cerqueira (ESA-IPVC)
Maria Antónia Conceição (ESA-IPC)

Animal Nutrition

André Almeida (ISA-ULisboa)
Olga Moreira (INIAV)
Rui Bessa (FMV-ULisboa)

Animal Physiology

Graça Ferreira Dias (FMV-ULisboa)
Rita Payan (UÉvora)
Rosa Lino Neto (INIAV)

Livestock Farming Systems

Alfredo Teixeira (ESA-IPB)
Luís Ferreira (UTAD)
Rui Caldeira (FMV-ULisboa)

Cattle Production

Alfredo Borba (UAçores)
Ana Geraldo (UÉvora)
António Moitinho Rodrigues (ESA-IPCB)
Júlio Carvalheira (CIBIO-UPorto)

Horse Production

António Rocha (ICBAS-UP)
António Vicente (ESA-IPS)
Maria Fradinho (FMV-ULisboa)

Pig Production

João Bengala-Freira (ISA-ULisboa)
Divanildo Monteiro (UTAD)
Rui Charneca (UÉvora)

Sheep and Goat Production

Ana Teresa Belo (INIAV)
Jorge Azevedo (UTAD)
Rosário Marques (INIAV)

Insect Production

Daniel Murta (Ingredient Odyssey)
Miguel Rodrigues (UTAD)

Precision Livestock Farming

Luís Alcino (ESAE - IPP)
Pedro Carvalho (INESC TEC)
Severiano Silva (UTAD)

Aquaculture Working Group

Luisa Valente (ICBAS - UP)
Paulo Rema (UTAD)

Mediterranean Working Group

José Santos Silva (INIAV)
Nuno Brito (ESA – IPVC)



Portugal, World's Leading Destination

With its mild climate, 3000 hours of sunshine per year and 850 kms of splendid beaches bathed by the Atlantic Ocean, Portugal is the perfect holiday destination all year round.

This is a country that has the oldest borders in Europe, with an exceptional range of different landscapes just a short distance away, lots of leisure activities and a unique cultural heritage, where tradition and modernity blend together in perfect harmony. Its superb cuisine, fine wines and hospitable people make this a tourist paradise of the highest quality.

Situated in the extreme south-west of Europe, just a few hours from any of the other European capitals, also includes the Madeira and Azores archipelagos in the Atlantic Ocean.

Mainland Portugal occupies an area of 88,889 km². It is 218 km wide and 561 km long. It has 832 km of Atlantic coast and a 1,215 km border with Spain.

Portugal has seven regions, which in itself indicates that there is a lot to visit and get to know, it is the perfect choice on the list of trips you should do in your lifetime.

The country's history and culture, gastronomy and wines, are among the main attractions, not to mention the beaches, surfing, music festivals, golf, the varied landscapes and, above all, the Portuguese people, who are seen as affable, open and sincere.

The recent award from the **World Travel Awards**, which considered Portugal the **World's Best Destination** has just confirmed the current trend, also acknowledged by many guides, travel writers, bloggers and the media from around the world specializing in travel and tourism.

Language

From a Latin root, Portuguese is spoken by about 250 million people in every continent, and is the 5th most spoken language in the world and the 3rd, if we only consider the European languages.

In Portugal most people are able to communicate in English, French and Spanish.

Facts:

Population: 10.347.982

Mainland Portugal: 88,889 km²

Atlantic coast line: 832 km

National Languages: Portuguese, Mirandês, Portuguese gestual language



Agriculture is a part of the Portuguese essence. Most traditions and large parts of the culture are based on agriculture and primary sector processes. Agriculture, agro-food and beverages are traditionally the backbone of the Portuguese economy.

The sector has in recent years reinvented itself and developed new production techniques as well as new products. This sector is today one of the most innovative in the Portuguese economy and has been internationally awarded multiple times for its forward-thinking and modern adaptation to global markets.

Agriculture in Portugal is based on small to medium-sized family-owned dispersed units.

Small scale animal production in Portugal is widely related to the local breeds. Concerning this issue, Portugal has a total of **22 registered** local animal breeds, most of them ancient breeds and a genetic heritage of great importance.

Portugal's key crops are fruit and vegetables, predominantly because of its ideal climate for those crops. The Portuguese production covers the domestic consumption and suffices also for exporting large quantities. The numbers of exports in this sector are consistently growing and reached, in 2016, a volume of 6,3 thousand million euros, representing 11.3 % of the Portuguese economy.

In 2016, farmers housed on average 1,7 million cattle, 2,3 million pigs, 2,3 million sheep and goats and 0,8 million equines.

Total meat production was 902 thousand tonnes in 2020. In relation to 2019, beef meat (98 thousand ton) rose 6.2%, while pig (380 thousand ton), sheep (14.6 thousand ton) and goat meat (1.1 thousand ton) showed reductions of 2.1%, 12.7% and 7.9%, respectively, showing the biggest decrease in consumption for small ruminants since 1986. The CoVid-19 pandemic was the main factor for these results. Poultry meat showed an increase of 1.1% with a total of 393 thousand tonnes, whereas other meats (rabbit, quail, game,...) was 15.2 thousand tonnes.

Total chicken egg production reached 146 thousand ton, of which 126 thousand ton were eggs for consumption.

Total milk production level showed slight increase (0.9%) in relation to 2019, with sheep and goat milks decreasing by 0.8% and 1.1%, respectively, and cow's milk (1,935 million liters) increased 1.1%.

The city of Porto is located in the heart of the Portuguese continental dairy basin. Within a 20 minutes drive from the centre of Porto city we can find several dairy, and pork farms, as well as related industries (Lactogal, the biggest Portuguese dairy factory is located in Vila do Conde, 25 km from Porto).



It was in the Porto and in the North regions that Portugal was founded in the 12th century and the Portuguese became a people and a nation.

Porto is not only the second largest city in Portugal but also a city of great historical past and listed as UNESCO's World Heritage. The narrow and labyrinthine streets of the old city center will take you back in time while the cool and vintage neighborhoods will make you discover the new trends and the unique atmosphere of this historical yet modern city.

Porto is the gateway and departure point for a journey across the natural and cultural diversity of the North region. It is known for the **Port wine** which is shipped from here all over the world, but also for a **heritage** which combines ancient churches and monuments, and modern buildings.

On a brief visit to Porto, there are some places that cannot be missed. In the words of many visitors, this city has something mystical that is difficult to describe and which varies according to the place, time of day and light.

Whatever it is, it certainly has to do with its people, known to be generous and easy-going, as well as the River Douro and its heritage on both banks, with its bridges and monuments, the tiles, the flowering balconies and the shopping streets. The historic center of Porto and the River Douro on the Gaia side, where the Port Wine lodges are located, are classified as World Heritage.

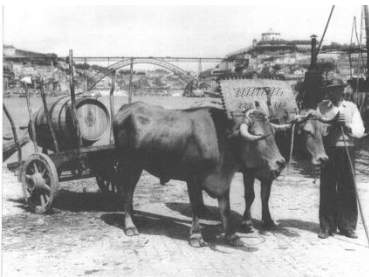
The supreme Tourism Oscars, aka World Travel Awards 2020 state that Portugal is the Best European Destination for the 4th consecutive year and Porto is the World's Leading City Break Destination 2020.



... The most famous of Portuguese wine, **Port Wine**, is traditionally produced in the Douro Valley and stored and aged in the cellars in Vila Nova de Gaia, just across the river from Porto.



... In the old days, cattle was responsible for transporting the Porto wine to and from the Rebelo Boats that would transport Porto wine from the Douro region to Porto.



... **Lello & Irmão Bookstore** is considered as the third most beautiful library in the world.

Rumor has it that J.K. Rowling's inspiration to write Harry Potter has begun in Porto, particularly at this library.



... Porto's Casa da Música, opened in 2005 and was considered as "one of the most important show rooms built in the last 100 years" by the New York Times



By air

Porto and the North of Portugal, with its International Airport – Aeroporto Sá Carneiro - is centrally located between America and Europe. Flights can be found from throughout the world to Porto airport. Most low cost companies fly to Porto

A shuttle bus service and a subway line links the airport and the city centre.

By car

Portugal has a good road network composed of Motorways (AE), Main Trunk Routes (IP), Complementary Trunk Routes (IC), Main (National) Roads (EN) and Secondary (Municipal) Roads.

There are car rental services at airports, international rail terminuses and in the main towns and cities.



By Coach

You can get to Portugal by coach. Eurolines (www.eurolines.fr) and Intercentro (www.internorte.pt) both operate international routes to and from Portugal.

There are regular coach services between Portugal's main towns and cities. For details of routes, timetables and fares visit www.rede-expressos.pt the website of Rede Nacional de Expressos.

By Rail

CP - Comboios de Portugal (www.cp.pt), the Portuguese railway company, offers a vast rail network covering the whole of mainland Portugal and also offers international train services to Vigo, Madrid and Paris



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The EAAAP2022 conference will take place in the International Congress center of Alfândega do Porto, located in the historic city centre of Porto, by the Douro River, in a historic building, recovered by Arch. Souto Moura.

Best Meetings & Conference Centre Europe. Business Destinations Travel Award 2014, 2015 & 2017.

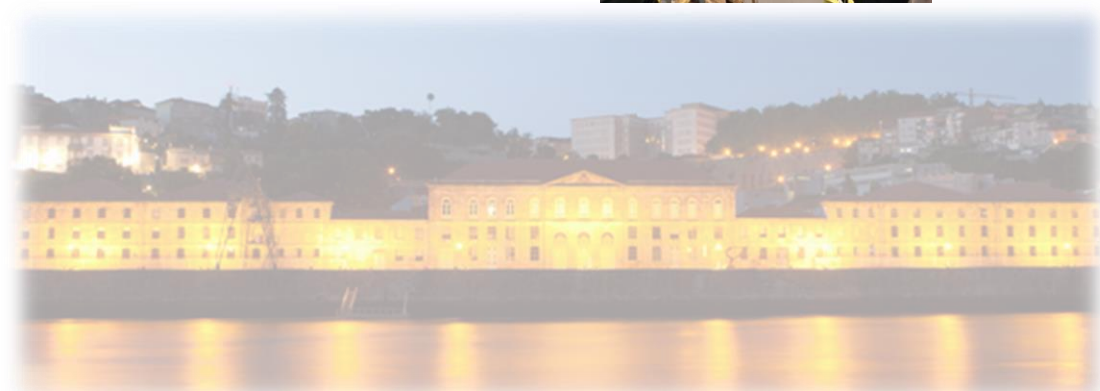
The Alfândega Congress Centre - Porto offers a wide range of services, capable of responding to the highest standards.

Ensuring the most modern equipments and the most effective and competitive solutions.

The Congress Centre provides all kind of services, with the goal of making our event unforgettable while ensuring a CoVid-19 safe congress environment if needed, keeping the possibility of interaction among the participants.



The building is suitable to welcome disabled people, offering internal mechanism to help your locomotion, like lifts and wc's adequate to the needs, wheelchairs and access ramps.







We offer the opportunity to profile your company on this event.

Your contribution will help make this an unforgettable meeting, presenting the Portuguese Agriculture sector to an international public in the fabulous and historical city of Porto.

This is a unique chance to present your company as sponsor of the annual meeting of the biggest and most important European Animal Science community, with a worldwide range and visibility for your business.

This is a great opportunity to build and promote an international network.

The available sponsorship possibilities provide conference supporters with several opportunities to enhance their visibility and association with this event and/or with EAAP.

We are more than willing to discuss with you all the possible ways in which your company can be a part of this unique event, allowing you the best possible way to associate brands or messages with the different aspects of our conference.

More details soon.



EAAP offers scholarships for attending its annual meeting

Instructions for applicants

From January to March 1st, EAAP individual members aged up to 38 years can apply for a grant to attend the EAAP annual meeting.

Applicants who have previously obtained a scholarship cannot reapply within three years.

Grants available are subject to eventual financial constraints of EAAP.

For member country list see

www.eaap.org

Or please contact

eleonora@eaap.org

Instructions will be available in due course at www.eaap.org, www.eaap2022.org

And on EAAP social networks

EAAP YOUNG SCIENTISTS AWARD

EAAP will grant to early careers researchers the “EAAP Young Scientist Award”. All researchers born after 1st September 1982 can participate. The candidates should be EAAP individual members and should have demonstrated outstanding research performance with European dimension and perspective. The Awardee will receive a plate in Porto and will be invited to present a paper at the following Annual meeting together with a free registration.

Nominations must be submitted to EAAP office (eleonora@eaap.org), starting from January 2022.

Young EAAP

If you are an EAAP Individual members under 35 years of age or 10 years after finishing your PhD, please request your application form and proceed with registration to the EAAP Young club.

Official Language

The official language of the EAAP annual meeting is English. No translation will be provided.

Passport and Visa

Entry formalities in Portugal vary according to the country of origin. European Union (EU) citizens and the European Economic Area (EEA) as well as third-country nationals holding a residence permit of a Schengen State, do not need a Visa to enter Portugal. All non-EU citizens are asked to contact their local embassies for any specific requirements. All foreign citizens entering Portugal must have either a valid passport or a national valid ID card. A list of countries that require a visa to Portugal is given at wordtravels.com.

Official invitation and Certification

An official letter will be sent upon request to assist in meeting administrative requirements. However, this invitation implies no obligation, financial or otherwise, by the EAAP organizing committee. A certificate of attendance will be available for all the registered participants.

Liability and insurance

The organizing committee cannot accept liability for personal accidents or loss of/or damage to private property of participants and accompanying persons. Participants are advised to acquire their own personal travel and health insurance for their trip.

Health and emergency

In case of emergency, land line or mobile phones users should call 112, the European emergency number to be sent for the relevant department.

Currency and money exchange

Currency in Portugal is the Euro (€). Most banks open at 9:00 and close by 15:00hrs, Monday through Friday. Post offices are open from 8:00 to 18:00 hrs. Both are generally open during lunch hour. Please notice that there will be no exchange facilities at the congress venue. ATM's are widely distributed throughout the Conference venue and trough out the city, working 24/7. Most credit cards allow you to withdraw money from ATM's. You can exchange money from at least seven exchange bureaus from Monday to Saturday.



Time Zone

The summer time in Portugal is GMT.

Climate

Portuguese climate is mild. The city of Porto, being in the coast can have a maritime influence. At this time of the year, it is usually sunny and hot. Summer temperatures in Porto will vary from 15°C - 26°C on average. You are advised to bring some warm clothing for the nights can be chilly due to the coast influence.

Electricity

Portugal uses a 220V system, sockets have the European standard and plugs are two-prong.

Public transport

Public transport throughout the city is well organized. Busses, metro (subway) and trams will take you to every possible destination and around Porto from early in the morning until late at night.

Busses and trams stop at the entrance of the conference venue.

Conference App

An EAAP 2022 App will be available from the website to all registered delegates before the conference.

The conference App will contain comprehensive information about the conference, venue, program and abstracts, as well as interactive possibilities.





Commission on Animal Genetics

Commission on Animal Nutrition

Commission on Animal Physiology

Commission on Cattle Production

Commission on Health and Welfare

Commission on Horse Production

Commission on Insects

Commission on Livestock Farming Systems

Commission on Pig Production

Commission on Precision Livestock Farming (PLF)

Commission on Sheep and Goat Production



