Scientific solutions to different demands on the livestock sector

72nd Annual Meeting of the European Federation of Animal Science (EAAP)

Davos
30 August to 3 September 2021

www.eaap2021.org
On behalf of the Swiss Organizing Committee, we are delighted to invite you to attend the 72nd Annual Meeting of EAAP to be held in Davos, Switzerland, the highest city of Europe, from 30 August to 3 September 2021.

The Annual Meeting will host scientists and experts from all disciplines of animal science, not only from Europe but also from other countries around the world. The EAAP Meeting provides a platform for scientists and industry experts to meet and acquire new knowledge and to exchange their experiences on the latest research results from many areas of animal science. The many sessions, plenary session, poster presentations and discussions about scientific achievements in livestock production during the Annual Meeting all provide an opportunity to put new ideas into practice. All these activities make the EAAP one of the largest animal science congresses in the world. We hope to welcome more than 1200 participants from more than 50 countries worldwide.

More information can be found at www.eaap.org and www.eaap2021.org

In parallel to this outstanding scientific program, we are also preparing an appealing and interesting program of social events, starting with the Welcome Ceremony. These events will also include a Swiss Evening, a Conference Dinner, Technical Tours and a Companion Program so that everyone can enjoy some of the beauty and delicacies Switzerland has to offer.

We believe that the 72nd Annual Meeting of the EAAP in Davos will be an excellent opportunity to meet and socialize with colleagues and friends. We welcome you and wish you a pleasant stay in our alpine city surrounded by stunning landscape!

Lucas Casanova, President of the local Organizing Committee
Andreas Hofer, President of Swiss Association of Animal Sciences (SAAS)
Congress website: www.eaap2021.org
E-mail: info@eaap2021.org

The venue
Davos Congress
CH-7270 Davos Platz

How to register
All registrations must be made using the online registration system at www.eaap2021.org

Abstract submission
Information and guidelines: www.wageningenacademic.com/eaap
Submission deadline: March 1, 2021

Congress secretariat
EAAP / SVT
Chamerstrasse 56
6300 Zug
Switzerland
info@eaap2021.org

Accommodation
A list with rooms that have been pre-booked in different category hotels in the vicinity of the Congress Davos will be available on www.eaap2021.org by the end of 2020.
Organizing Committee

The 72nd EAAP Annual Meeting is organized by the Swiss Association for Animal Sciences (SAAS) in partnership with the Federal Office for Agriculture (FOAG).

This event is also organized in close collaboration with other Swiss institutions active in animal science, including:

ETH Zürich | VetSuisse Bern | VetSuisse Zürich | BFH-HAFL Zollikofen | FiBL Frick | Agroscope Posieux | Qualitas AG Zug | Breeding Organizations

Swiss Organizing Committee

<table>
<thead>
<tr>
<th>Name</th>
<th>Function</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lucas Casanova</td>
<td>President, Finance, Sponsorships</td>
<td>Braunvieh Schweiz, Zug</td>
</tr>
<tr>
<td>Andreas Hofer</td>
<td>Infrastructure / Congress Venue</td>
<td>SUISAG, Sempach</td>
</tr>
<tr>
<td>Beat Bapst</td>
<td>Secretariat and coordination with EAAP</td>
<td>Qualitas AG, Zug</td>
</tr>
<tr>
<td>Adrian Aebi</td>
<td>Relations with Federal Office for Agriculture (FOAG)</td>
<td>FOAG, Bern</td>
</tr>
<tr>
<td>Veronika Maurer</td>
<td>Scientific program and contact with the Scientific Committee of EAAP</td>
<td>FiBL, Frick</td>
</tr>
<tr>
<td>Stefan Probst</td>
<td>Social Events / Technical Tours</td>
<td>BFH-HAFL, Zollikofen</td>
</tr>
<tr>
<td>Léonie von Tavel</td>
<td>Communications</td>
<td>Swissgenetics, Zollikofen</td>
</tr>
</tbody>
</table>
Study Commissions

Commission on Animal Genetics
President: Erling Strandberg
Vice-President: Eileen Wall, Filippo Miglior, Han Mulder
Secretary: Alessio Cecchinato
Industry Rep.: Tessa Brinker
Young Club: Marcin Pszczola

Commission on Animal Nutrition
President: Luciano Pinotti
Vice-President: Sam de Campaneere
Secretary: Geert Bruggeman, Roselinde Goselink, Latifa Abdenneby-Najar
Industry Rep: Daniele Bonvicini
Young Club: Susanne Kreuzer-Redmer

Commission on Health and Welfare
President: Stefano Messori
Vice-President: Gürbüz Das, Evangelia N.Sossidou
Secretary: Stefanie Ammer, Giulietta Minozzi
Industry Rep: Olivier Espesee, Delphine Gardan
Young Club: Mariana Dantas de Brito Almeida

Commission on Animal Physiology
President: Helga Sauerwein
Vice-President: Isabelle Louveau
Secretary: Chris Knight, Montanholi Yuri
Industry Rep.: Arnulf Troscher
Young Club: Akos Kenez

Commission on Livestock Farming Systems
President: Michael Lee
Vice-President: Monika Zehetmeier
Secretary: Tommy Boland, Raimon Ripoll-Bosch, Vincent Thenard
Industry Rep.: Alfredo J. Escribano
Young Club: Maria-Anastasia Karatzi, Tiago T. da Silva Siqueira

Commission on Cattle Production
President: Jean François Hoquette
Vice-President: Sven König, Andreas Foskolos
Secretary: Massimo De Marchi, Ray Keatinge
Industry Rep: Karsten Maier, Cătălin Necula
Young Club: Akke Kok

Commission on Sheep and Goat Production
President: Joanne Conington
Vice-President: Nóirín McHugh
Secretary: Ouranios Tzamaloukas, Vasco Augusto Pilão Cadavez
Industry Rep.: Neil Keane

Commission on Pig Production
President: Sam Millet
Vice-President: Paolo Trevisi, Giuseppe Bee
Secretary: Katja Nilsson
Industry Rep: Egbert Knol
Young Club: Stafford Vigors

Commission on Horse Production
President: Ana Sofia Santos
Vice-President: Rhys Evans, Katharina Stock, Klemen Potočnik
Secretary: Isabel Cervantes Navarro, Pasquale De Palo
Industry Rep.: Melissa Cox
Young Club: Juliette Auclair-Ranzaud

Commission on Insects
President: Teun Veldkamp
Vice-President: Laura Gasco
Secretary: Jorgen Eilenberg, Christoph Sandrock
Industry Rep.: Marian Peters
Young Club: Matteo Ottoboni, Marwa Shumo

Commission on Precision Livestock Farming
President: Ilan Halachmi
Vice-President: Jarissa Maselyne, Matti Pastell, Claire-Morgan-Davies
Secretary: Shelly Druyan, Radovan Kasarda, Stephane Ingrand
Industry Rep: Malcolm Mitchell
Young Club: Ines Adriaens
For a meeting in the heart of the continent of Europe, there’s no better location than Switzerland. Sharing borders with Germany to the north, Italy to the south, France to the west and Austria and Liechtenstein to the east and links by air, rail and road with dozens more, Switzerland is open to the world. It is easy to reach, with straightforward land border crossings and international airports at Zurich, Geneva, Basel. Mountains and valleys, glaciers and forests, lakes and rivers – an amazing variety in such a small area. For an active vacation, or perfect relaxation, Switzerland has something for everyone. The climate and topography of Switzerland make it ideal for animal rearing and explain the rich variety of livestock breeds created in such a small area. No other country in the world has a public transport network offering such dense coverage. Trains run at regular intervals and always depart and arrive at the same minute past the hour/half hour. Timetable information: www.sbb.ch

Switzerland is famous for its cheese (Emmental and Gruyere), its chocolate (Toblerone), its watches and its financial institutions, but also for its innovative and competitive economy, particularly in the pharmaceutical and chemical industries.

**Facts about Switzerland (Confoederatio helvetica)**
- Population: 8.6 millions citizens. Foreigners account for nearly 25%
- Surface area: 41,000 km²
- There are 208 mountains over 3,000m in altitude
- Capital: Berne
- Switzerland has four national languages although English is increasingly popular – the four official languages are French, German, Italian and Rhaeto-Romantsch.
- Switzerland uses the Swiss franc (CHF).
- Switzerland is a direct democracy in which citizens can challenge any law passed by Parliament.
Agriculture of Switzerland

Given its typical grasslands, livestock farming has always played an important role in Switzerland. Animals and animal products account for 54 percent or CHF 4.9 billion of agricultural production. The self-sufficiency rate in this sector is high – for milk and veal almost 100%, for beef and pork around 90%, and 114% for cheese.

Livestock breeding and farming receive substantial state subsidies.

Diversity of ecosystems

Switzerland with its varied landscapes including alpine valleys offers a wide array of ecosystems. Each ecosystem is characterized by the ecological interaction among different species and the interaction between species and their environment.
EAAP in Davos: The Congress you will remember for a long time

Davos is the highest town in the Alps located at about 1500 metres above sea level. An EAAP Congress in the mountains, in the midst of nature? What a good idea, because Davos has one of the most modern congress centers in the Alps which also hosts the annual World Economic Forum (WEF). The Davos Congress Center is in the very heart of this and has suitable spaces for every occasion.

Davos Klosters is also one of the most famous vacation destinations in the world and offers the complete range of vacation, sports and meeting facilities in the middle of the mountains.

Just imagine, you are participating in the interesting EAAP Congress yet at the same time you feel you are on vacation. The fascinating mountain nature will inspire you and unwind you automatically from your daily routine.

A wide range of sophisticated restaurants, hotels and bars invite you to linger for a while in the evenings to enjoy their diverse culinary specialities and appreciate the same warm and easy-going atmosphere they all share.

Admittedly, Davos is not exactly “round the corner”, but it can be reached in just a few hours from Zürich, Basel, Geneva, Munich, Innsbruck and Milan. Transform your journey to Davos into a real experience and travel on the Rhaetian railway high up the Prättigau or from Chur across the Landwasser Viaduct (UNESCO World Heritage Site) through the unique landscape to Davos. Once you’ve arrived at the top you will really think you’re on vacation, but at the EEAP Congress. And everything is so close together. You won’t waste any more time in Davos with long travel times and this more than makes up for the longer journey to get there.
How to get to Davos

We encourage you to enjoy the beautiful train ride from Zurich to Davos. A detailed description of your journey from the airport in Zurich to Davos by train will be available on [www.eaap2021.org](http://www.eaap2021.org).

A Shuttle-Bus will probably be organized from the Zurich Airport to Davos Congress.
Umgebung Davos/Surroundings of Davos

*** Ducan Monstein
*** Kessler’s Kulm Hotel Wolfgang
*** Apart- und Kinderhotel Muchetta Wiesen
*** Schvaemi’s Lengmatta Davos

*** Walserhuus Sertig
** Sporthotel Clavadel

Kongresszentrum Davos/Congress Centre Davos

G 3  A Eingang A / Entrance A – Talstrasse 49A
G 2  B Eingang B / Entrance B – Promenade 92
G 2  C Eingang C / Entrance C – Promenade 92
H 2  M Mitteleingang / Middle Entrance (beim Kurpark / through parc)

Professional Congress Organizer | Davos Congress | Tel. +41 81 415 21 60 | www.davoscongress.ch | info@davoscongress.ch
The Venue: Davos Congress

Davos Congress
CH-7270 Davos Platz
Tel. +41 81 415 21 60
Fax +41 81 415 21 69
info@davoscongress.ch

The destination Davos Klosters is located in the heart of Graubunden and comprises the municipalities of Davos and Klosters. Davos is a conference city with great tradition and a modern infrastructure for a perfectly organized conference. This is where the WEF (World Economic Forum) has been held for 50 years.

The Congress Centre Davos is located in the middle of Davos, between Davos Dorf and Davos Platz. The Main Entrance and the parking lots can be reached from the Talstrasse. The bus stops at the top and at the bottom in front of the Congress building which can also be easily reached on foot from many hotels. To reach the entrances “Park”, “Promenade” and “Promenade Nord” please walk from the parking lots through the gangway or directly from the Promenade.

Combine your arrival in Davos with a refreshing walk in the most magnificent environment, as Davos Congress is surrounded by a park near the River Landwasser. There is also a big chargeable carpark below at the Congress.

There is something to suit every taste in close proximity that can be reached on foot. Davos, a municipal infrastructure in the middle of the mountains and with Davos Congress at its heart.
Famous Train
With its unique mountain sections, the UNESCO World Heritage Albula/Bernina Line and famous classics such as the Glacier and Bernina Express, the Rhaetian railway has delivered first class railway experiences for over 120 years through the very heart of trilingual Grisons. And regardless of which trip you choose to take, there is always one constant - the Rhaetian railway unites the beauty of the landscape, the power of technology and the pioneering spirit of the past century. www.rhb.ch

Schatzalp – Venue for the Farewell Dinner
On the Schatzalp, where readers of Thomas Mann’s best-selling novel will find the magic mountain, the ambience, the attitude to life amidst pure art nouveau architecture, remains as it was almost 100 years ago. The architecture of the sanatorium remains unchanged. Today the terraces are used as sunbathing spots for the hotel guests. And as anyone who has been on the Schatzalp will know, here enthroned above Davos, the area is still truly magical just like it used to be.

Kirchner Museum
Most of Kirchner’s artistic works are displayed in the Kirchner Museum in Davos which was founded by the art dealer Roman Norbert Ketterer. The architecture of the Kirchner Museum in Davos aims to bring people and art together. The crystalline building constitutes the architectural counterpart to the art of Ernst Ludwig Kirchner. www.kirchnermuseum.ch

Eau-là-là in the Congress Building
On the ground floor of the wellness pools guests will find an expansive water world, whilst the two upper storeys house a stunning spa world. The facilities include steam baths under the enchanting starry skies, two solariums, an additional shower and cold water area and even a club room with fireplace for relaxation. The blockhouse sauna and the open-air jacuzzi with a spacious relaxation terrace complete the wellness experience. www.eau-la-la.ch
# Program EAAP

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunday 29 August</td>
<td>8:00–18:30</td>
<td>Workshop “Writing and presenting scientific papers”</td>
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<tr>
<td></td>
<td>12:00–19:00</td>
<td>Registration of participants</td>
</tr>
<tr>
<td>Monday 30 August</td>
<td>8:30–12:30</td>
<td>Study commission sessions</td>
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<tr>
<td></td>
<td>14:00–17:00</td>
<td>Study commission sessions</td>
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<tr>
<td></td>
<td>17:00–18:00</td>
<td>Poster session</td>
</tr>
<tr>
<td></td>
<td>19:30–22:00</td>
<td>Opening and award ceremony</td>
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<tr>
<td>Tuesday 31 August</td>
<td>8:30–12:30</td>
<td>Plenary session</td>
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<td></td>
<td>14:00–18:00</td>
<td>Study commission sessions</td>
</tr>
<tr>
<td></td>
<td>19:30–23:00</td>
<td>Social event: Swiss evening</td>
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<tr>
<td>Wednesday 1 Sept</td>
<td>8:30–12:30</td>
<td>Study commission sessions</td>
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<tr>
<td></td>
<td>14:00–17:00</td>
<td>Study commission sessions</td>
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<tr>
<td></td>
<td>17:00–18:00</td>
<td>Poster session</td>
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<tr>
<td></td>
<td>18:00–19:30</td>
<td>General assembly</td>
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<tr>
<td>Thursday 2 Sept</td>
<td>8:30–12:30</td>
<td>Study commission sessions</td>
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<tr>
<td></td>
<td>14:00–18:00</td>
<td>Study commission sessions</td>
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<tr>
<td></td>
<td>20:00–23:00</td>
<td>Farewell dinner</td>
</tr>
<tr>
<td>Friday 3 Sept</td>
<td>08:00–18:00</td>
<td>Technical tours</td>
</tr>
</tbody>
</table>

For accompanying persons guided tours will explore the touristic highlights in the region.
Online: www.eaap2021.org
The annual meeting registration fee will be announced on the website by the end of 2020. Authors of papers should submit their abstract first (see below) and fill in the assigned abstract ID in the registration form.

ABSTRACT SUBMISSION
All authors wishing to present papers at the EAAP Annual Meeting are required to submit the title and abstract of their presentations using the online application for abstract submission. Information can be found on the website www.WageningenAcademic.com/eaap
Presentations will be accepted as oral presentations or as posters.
The deadline for submission of abstracts will be March 1 2021.
Only abstracts submitted using the online application will be considered for publication.
Please read the instructions very carefully. Please note that each author can present a maximum of two free contributions.
The publisher of the Abstract Book for EAAP 2021 is: Wageningen Academic Publishers
All information you can find on www.eaap2021.org

SCIENTIFIC PROGRAM
The full scientific program of the EAAP 2021, with session titles and timetables, will be available at a later date on www.eaap2021.org and www.eaap.org.
The general topic is “Scientific solutions to different demands on the livestock sector”.
Abstracts are welcome on all topics related to animal science.

TECHNICAL TOURS
At least three 1-day technical tours will be offered. The tours will focus on breeding and production of dairy, pigs, horses and small ruminants in mountain areas for consumers with high expectations with regard to animal welfare, environmental impact and quality of products. More detailed information will be available later at www.eaap2021.org
Scolarships
EAAP offers scholarships for attending its Annual Meeting.

Instructions for applicants
From January to March 1, 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 potential financial constraints of EAAP.

For individual membership see www.eaap.org or please contact eleonora@eaap.org. Instructions will be available in due course at www.eaap.org and www.eaap2021.org and on EAAP social networks.

Young Club-EAAP
If you are an EAAP Individual member under 35 years of age or 10 years after finishing your PhD, please download your application form at http://www.eaap.org/young-club/ and proceed with the registration to the EAAP Young Club.

EAAP Young Scientist Award
EAAP will award the “EAAP Young Scientist Award” to early career researchers. All researchers born after September 1, 1983 can participate. The candidates should be EAAP individual members and have demonstrated outstanding research performance with a European dimension and perspective. The award-winner will receive a plate in Davos and will be invited to present a paper at the following Annual Meeting together with a free registration (for 2022). Nominations must be submitted to EAAP office (eleonora@eaap.org) from January 2021.

Sponsorship opportunities
We offer you the opportunity to profile your company at this event. This enables us to organize a fascinating and unforgettable meeting that presents the Swiss agricultural sector to an international public in the unique Alpine surroundings of Davos.

We will be happy to discuss with you the range of sponsorship opportunities available that will allow each sponsor a unique way of associating brands or messages with different aspects of the conference.

For further details please contact: info@eaap2021.org
President: Matthias Gauly

Vice Presidents: Johannes Sölkner (Austria)
John Carty (Ireland)

Secretary General: Andrea Rosati (Italy)

Members: Isabel Casasus Peyo (Spain)
Ilan Halachmi (Israel)
Stéphane Ingrand (France)
Denis Kučević (Serbia)
Martin Lidauer (Finland)
Veronika Maurer (Switzerland)
Bruno Ronchi (Italy)
Mogens Vestergaard (Denmark)

Auditors: Zdravko Barac (Croatia)
Gerry Greally (Ireland)

Alternate Auditor: Jeanne Bormann (Luxembourg)

FAO Representative: Badi Besbes

The European Federation of Animal Science (EAAP) has close established links with its sister organizations of American Society of Animal Science (ASAS), American Dairy Science Association (ADSAS), Canadian Society of Animal Science (CSAS) and Asociaciòn Latinoamericana de Produccion Animal (ALPA).
Official language
The official working language at the EAAP Annual Meeting is English. No translation will be provided.

Passport and visa
Entry formalities for Switzerland vary according to the country of origin. Nationals of the European Union (EU) 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 Switzerland. All non-EU citizens are asked to contact their local embassies for specific requirements. All foreign citizens entering Switzerland must have either a valid passport or a national ID card.

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 at the registration desk for all delegates.

Liability and insurance
The Organizing Committee cannot accept liability for personal accidents or loss or damage to private property of participants and companions. Participants are advised to acquire their own personal travel and health insurance for their trip.

Health and Emergency
In case of emergency, landline or mobile phone users should call 144 (Ambulance) or 117 (Police) to be connected to the relevant department.
Currency and Money exchange
The currency in Switzerland is the Swiss Franc. Most banks open at 09.00 and close around 17.00 Monday through Friday. They are generally closed for lunch between 12.00 and 14.00. Post offices are open between 09.00 and 17.00. Please, note that there will be no currency exchange facilities at the congress venue. All major credit cards are widely accepted. ATMs are available at walking distance.

Time Zone
The summer time zone in Switzerland is GMT + 2 hours.

Climate
The Alpine climate can be very variable. Temperatures between 0°C and about 25°C are possible in Davos in August/September. Normally the temperature will be about 20°C during the day. An umbrella might be useful as the August has the highest average rainfall.

Electrical Supply
Electricity is supplied at 220/230 volts, 50 Hz. Some hotels provide 110 volt AC sockets for electric razors only. Switzerland has its own plug standard Type J (three 4mm round pins). Therefore you will need an adapter, which might be provided in most of the hotels.

Public transport in Davos
Most distances in Davos are walkable. There is also a well-developed bus network (www.vbd.ch).

Conference App
An EAAP 2021 App will be available from http://www.eaap2021.org to all registered delegates before the conference. It will contain comprehensive information about the conference, venue program and abstracts.
Sponsors

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Kanton Graubünden
Chantun Grischun
Cantone dei Grigioni

**Silver**

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Status May 2020, further sponsors see [www.eaap2021.org](http://www.eaap2021.org)