

**7th International Sheep Veterinary Congress  
Stavanger Forum 12-16 June 2009  
Scientific Programme**

*Friday 12 June*

<b>13.00 – 19.00</b>	<b>Registration</b>
<b>14.00 – 16.00</b>	<b>Utsira:</b> Project Meeting: Animal Welfare Team (Adroaldo Zanella).
<b>16.00 – 18.30</b>	<p><b>Grip/Runde:</b></p> <p align="center"><b>Bayer Sheep Symposium Dr. Abdülkerim Deniz</b></p> <p>Research and Development scientists at Bayer Animal Health have succeeded in developing Baycox Sheep (toltrazuril 5% suspension) for the excellent preventative control of coccidiosis in lambs. Different type of studies conducted in grazing and housed lambs on the epidemiology and control of coccidiosis in Norway, France and Germany will be presented .</p>
<b>19.00 – 20.00</b>	<p><b>Lindesnes:</b></p> <p align="center"><b>OPENING CEREMONY</b></p> <p align="center">Cultural event (<b>Barstad-Andresen</b>)</p> <p align="center">Welcome to the Congress, The Norwegian School of Veterinary Science, Rektor <b>Lars Moe</b></p> <p align="center">Welcome to Stavanger, The Mayor of Stavanger, <b>Leif Johan Sevland</b></p> <p align="center">Welcome to the Region, The Regional Mayor, <b>Tom Tvedt</b></p> <p align="center">The Minister for Higher Education and Research, <b>Tora Aasland</b>, opens the Congress</p> <p align="center">(Sponsors Stavanger kommune, Sandnes kommune, Rogaland Fylkeskommune)</p>
<b>20.00 - 21.00</b>	<p><b>Lindesnes:</b></p> <p align="center"><b>Keynote: Riisnæs JA: Sheep and culture through 10 000 years!</b></p>
<b>21.00 – 21.30</b>	<p><b>Lindesnes:</b></p> <p align="center"><b>Ken Pettey: Greek highlights, ISVC 2005</b></p>

*Saturday 13 June*

<b>09.00 - 09.30</b>	<b>Grip/Runde:</b>		
	<b>Keynote: Vatn S: Sheep Industries in the Nordic countries</b>		
	<b>Grip/Runde</b>	<b>Dyna</b>	<b>Halten</b>
<b>09.30 - 10.15</b>	<p><b>Management/Flock Health 1</b></p> <p>Chairpersons: Sargison N, Scott P</p>	<p><b>Case Reports 1</b></p> <p>Chairpersons: Smith M, Winter A</p>	<p><b>Welfare &amp; Zoonosis 1</b></p> <p>Chairpersons: Menzies P, Windsor P</p>
	<p><b>Athanasiou LV*, Polizopoulou Z</b></p> <p>Biochemical tests in sheep health management</p>	<p><b>Anderson R*, Bath G</b></p> <p>A case report of a foreign body leading to an enterolith formation in the rumen of a Pedi ram</p>	<p><b>#Vellema P*, van den Brom R, Dercksen D</b></p> <p>Q fever outbreaks in the Netherlands in 2007 and 2008</p>
	<p><b>Berntsen H*, Haukaas C, Ulvund MJ</b></p> <p>Immunoglobulin and vitamin B levels in newborn lambs from flocks with different colostrum administration practice</p>	<p><b>Assis I*</b></p> <p>Outbreak of tetanus, in adult sheep associated with ear tag replacement</p>	<p><b>Hotzel H, Moog U*, Monicke S, Ehricht R, Klengel K, Grimm H</b></p> <p>Detection of transmission of <i>Staphylococcus aureus</i> from humans to cheese during the production procedure using DNA microarray</p>

			and DNA sequencing
	<b>Astobiza I*, Barandika JF, Ruiz-Fons JF, Hurtado A, Juste RA, García-Pérez AL</b> <i>Coxiella burnetii</i> in ruminants in semi-extensive grazing systems from Northern Spain: Seroprevalence and bacterial shedding patterns in sheep flocks	<b>Christodoulopoulos G*</b> Salivary abomasum disease in young lambs	<b>Sheil M*, Lomax S, Dickson H, Windsor P</b> Analgesia for mulesing and other surgical husbandry procedures in sheep
<b>10.15 – 11.00</b>	<b>Poster viewing – Coffee break</b>		
<b>11.00 – 11.30</b>	<b>Grip/Runde:</b> <b>Keynote: Dwyer C: Sheep welfare: Present and future perspectives</b>		
	<b>Grip/Runde</b>	<b>Dyna</b>	<b>Halten</b>
<b>11.30 – 13.00</b>	<b>Management/Flock Health 2</b> Chairpersons: Sargison N, Scott P	<b>Case Reports 2</b> Chairpersons: Smith M, Winter A	<b>Welfare &amp; Zoonosis 2</b> Chairpersons: Menzies P, Windsor P
	<b>#Farquharson B*</b> Animal health and production service to sheep clients	<b>Jeckel S*, Browne E, Alony Y, Nevel M</b> Case study: Unusual presentations of pathological lesions due to caseous lymphadenitis in adult sheep	<b>Hucker D*</b> Flies, mulesing and merino sheep in Australia
	<b>Ganter M*, Schröder C, Probst D, Runge M, Kubel D, Nagel-Kohl U, Keller B, Rickling S, Niemann H</b> Serological and virological follow-up investigation of small ruminants vaccinated against bluetongue disease with Bluevac-8®	<b>Mavrogianni VS*, Fthenakis GC</b> Case reports: Clinical, bacteriological, cytological and pathological features of teat disorders in ewes	<b>Vellema P*, Moll L, Stegeman A</b> Tail docking does not prevent blowfly strike
	<b>Gelasakis AI*, Arsenos G, Valergakis GE, Fortomaris P, Banos G</b> Foot lesions in dairy sheep of Chios breed in Greece	<b>Giadinis ND*, Chochlakis D, Ioannou I, Kritsepi-Konstantinou M, Roubies N, Psaroulaki A, Karatzias H</b> A case of anaplasmosis in a ram in Northern Greece	<b>Phythian CJ*, Clarkson MJ, Winter AC, Grove White D, Jones P, Cripps PJ, Michalopoulou E, Duncan J.S</b> The development of indicators for the on-farm assessment of sheep welfare
	<b>Hosie B*, Eaglesham L, Ritchie C, Gill I</b> A new web based Sheep Health Management System	<b>Stevenson H*</b> Pathological fractures due to osteoporosis in hill lambs at weaning	<b>Stubsjøen SM*, Svarstad Flø A, Moe RO, Janczak AM, Skjerve E, Valle P, Zanella AJ</b> Exploring infrared

			thermography and heart rate variability as noninvasive methods to assess moderate pain in sheep
	<b>Gill I*, Hosie B, Eaglesham L</b> Practical application of a new web based Sheep Health Management System	<b>Ulvund MJ*, Brundtland E, Bårdsen K</b> A Norwegian case of atypical footrot resembling CODD	<b>Valle P.S*, Kjærnes U, Stubsjøen S.M, Hektoen L, Døving R</b> Sheep welfare – from heart rates to concerns about market effects
<b>13.00 – 14.30</b>	<b>Lunch – Lindesnes (Janssen Animal Health).</b>		
<b>14.30 – 16.00</b>	<b>Kvitsøy (1<sup>st</sup> floor):</b> <b>The Janssen Animal Health Satellite Symposium.</b> <b>Professor Mike Taylor, Head of the Veterinary Surveillance Team at the UK Central Science Laboratory.</b> Two key subjects will be covered: COCCIDIOSIS (diagnosis, building immunity, treatment regimes), and FLUKE (controlling fluke sustainably, importance of flukicide resistance, implementing a strategic rotation programme)		
<b>14.30 – 15.00</b>	<b>Grip/Runde:</b> <b>Keynote: Jackson F*, Bartley D, Bartley Y, Kenyon F: Worm control in sheep in the future</b>		
	<b>Grip/Runde</b>	<b>Dyna</b>	<b>Halten</b>
<b>15.00 – 16.00</b>	<b>Management/Flock Health 3</b> Chairpersons: Mansley S, Plant J	<b>Cestodes, Coccidia and Ectoparasites 1</b> Chairpersons: Ganter M, Besier B	<b>Welfare &amp; Zoonosis 3</b> Chairpersons: Phytian CH, Zanella A
	<b>Scott P*, Sargison N</b> Uses for ultrasonographic examination (excluding the thorax) in sheep practice	<b>Epstein V, Pointing S*</b> Hydatid Disease – towards eradication in the Falkland Islands (Man v Worm)	<b>#Windsor PA, Lomax S*, Shiel M</b> Topical anaesthesia for pain management of husbandry procedures in Australian sheep flocks
	<b>Kaler J*, Medley GF, Hawker EM, Wassink GJ, Grogono-Thomas R, Calvo-Bado LA, Moore LJ, Wellington EMH, Green LE</b> Factors associated with change in foot integrity and locomotion in sheep on one farm in the UK	<b>Bjorland J*, Torsteinbø WO, Bårdsen K</b> Detection of <i>Toxoplasma gondii</i> in foetal tissues from sheep - mouse inoculation and real-time PCR	<b>Walker J, Ridler A*</b> Farmer and veterinary perceptions of pain in sheep in the UK
	<b>Leibovich H*, Abu-Siam M, Bloch A, Richard A, Ben Zeev A</b> Evaluation of decoquinate in controlling coccidia in fast growing young lambs fed total mixed ration in Bedouin	<b>Giadinis ND*, Terpsidis K, Diakou A, Papazahariadou M, Karatzias H</b> Treatment of ovine toxoplasmosis with sulfadimidine in Greece	<b>Zanella AJ*, deCarvalho M, Schroeer A, Janczak AM, Ramos A</b> Strategies to reduce fear in sheep through positive human-animal interactions

	Awassi semi-intensive herds		
	<b>Midgley DJ*</b> Developing a strategy and management system for communal farming in Southern Africa by manipulating the breeding cycle of the ewe	<b>Karlsson J*, Greeff J, Slocombe L</b> Breeding for resistance to myiasis in Australian Merino sheep	<b>Scott P*</b> Investigation of joint lesions in adult sheep
<b>16.00 – 16.30</b>	<b>Poster viewing - Coffee break</b>		
	<b>Grip/Runde</b>	<b>Dyna</b>	<b>Halten</b>
<b>16.30 – 18.00</b>	<b>Novartis Animal Health Symposium</b>	<b>Cestodes, Coccidia and Ectoparasites 2</b> Chairpersons: Ganter M, Besier B	<b>Management/Flock Health 4</b> Chairpersons: Mansley S, Plant J
	<b>The Science of ZOLVIX®</b>	<b>Mundt H-C*, Dittmar K, Bangoura B, Grzonka E, Dauschies A</b> Study on the comparative efficacy of toltrazuril and diclazuril against ovine coccidiosis in housed lambs	<b>Moon C, Scott L, Berke O Menzies P*, Reid-Smith R, Avery B, Janecko N, McEwen S</b> Drug use patterns in Ontario sheep flocks- preliminary results
	<b>“The Science ZOLVIX, The Delivery of Innovation to the Marketplace”</b>	<b>Gjerde B, Vatn S*, Dahl J, Nielsen B, Mundt H-C</b> Efficacy of toltrazuril and diclazuril in the prevention of coccidiosis in naturally infected lambs on pasture in Norway	<b>Norderhaug, A*, Ulvund, MJ, Øpstad S, Garmo T, Hegrenes A, Kittelsen E, Nilsen L, Thorvaldsen P, Vandvik V, Velle LG, Vikane JH</b> “Feral Sheep” in coastal heaths - developing a sustainable local industry in vulnerable cultural landscapes
	<b>Arthur Redpath:</b> Welcome		
	<b>Lesley Stubbings:</b> The need for a new anthelmintic		
	<b>Arthur Redpath:</b> Introducing ZOLVIX		
	<b>Ronald Kaminsky:</b> The Research	<b>Mundt H-C*, Le Sueur C, Mage C</b> Efficacy of toltrazuril (Baycox® 5% suspension) in natural infections with pathogenic <i>Eimeria</i> spp. in housed lambs	<b>Petty KP*</b> How to be a good shepherd in the classroom
	<b>Barry Hosling:</b> The Development		
<b>Andrew Little:</b> The Delivery	<b>Christodoulopoulos G*, Theodoropoulos G</b> A survey of cestode-larva disease in Greek-sheep industry	<b>Rautiainen J*</b> Good management practice in Finnish sheep production chain	
Q&A	<b>Tegtmeyer PC*, von Samson Himmelstjerna G, Ellendorff F, Ganter M</b> Monieziosis in sheep.	<b>Vellema P*, Moll L, Dercksen D</b> Bluetongue in sheep in The Netherlands	

		A survey of the effectiveness of metaphylactic treatment with praziquantel	
<b>18.05 – 19.00</b>	<b>FORMAL INAUGURATION OF THE INTERNATIONAL SHEEP VETERINARY ASSOCIATION ISVA – I. Interim Organizer Gareth Bath: General Meeting.</b> Agenda: Welcome and announcements, Attendance and apologies, Background, Election of Office Bearers, Arrangements for bids for 2013 ISVC, any other business.		
<b>20.00 – 23.00</b>	<b>The Red Seahouses (“De røde sjøhus”). Dinner &amp; Dance. Music “Moonlight” (Merial)</b>		

<b>Sunday 14 June</b>			
<b>09.00 - 09.30</b>	<b>Grip/Runde:</b> <b>Keynote: Nesbakken T: Food safety in a global market: Do we need to worry?</b>		
	<b>Grip/Runde</b>	<b>Dyna</b>	<b>Halten</b>
<b>09.30 - 10.30</b>	<b>Chronic/Slow Disease 1</b> Chairpersons Vellema P, Dercksen D	<b>Genetics &amp; Nutrition 1</b> Chairpersons Karlsson J, Sivertsen T	<b>Medicine and Disease 1</b> Chairpersons Stuen S, Granquist EG
	<b>Barizzone F*, Stella P, Vivas-Alegre L</b> European food safety authority risk assessment on human and animal exposure risk related to transmissible spongiform encephalopathies (TSEs) from milk and milk products derived from small ruminants	<b>Conington J, Nieuwhof GJ, McLaren A, Lambe N, Hosie B*, Bishop SC, Bünger L</b> Breeding for resistance to footrot in UK sheep	<b>Duehlmeier R*, Fluegge I, Parvizi N, Ganter M</b> Insulin resistance in sheep – A pathogenic factor in the development of pregnancy toxemia?
	<b>Ersdal C, Lie K-I, Espenes A, Ulvund MJ, Press C*</b> Distribution and density of PGP 9.5 positive nerve fibers in the ileal Peyer’s patch follicles of sheep are influenced by age and PrP genotype and not by scrapie infection	<b>Humann-Ziehank E*, Ganter M, Renko K, Köhrle J, Schomburg L</b> Investigation of selenoproteins in sheep	<b>Janowetz B*, Kurth E, Keller W, Graunke W, Kern S, Obermaier S, Böttcher J</b> <i>Coxiella burnetii</i> phase 1 and 2 specific immuneresponse in sheep after infection and vaccination, respectively
	<b>Hopp P*, Olsaker I, Moldal T, Åkerstedt J, Sviland S, Viljugrein H</b> Estimation of the prion protein genotype distribution in the Norwegian sheep population using Bayesian methods	<b>Boman IA, Klemetsdal G, Blichfeldt T, Nafstad O, Våge DI*</b> Three different myostatin (MSTN) mutations, affecting carcass conformation and fatness, are segregating in Norwegian sheep	<b>Kaler J*, Daniels SLS, Wright J, Green LE</b> Effect of six individual treatments on the time to recovery from lameness in sheep with footrot: A randomised controlled trial on a farm in UK

	<p><b>#Kipanyula MJ*, Chuma IS, Brundtland E, Bårdsen K, Ulvund MJ</b> Prion protein (PrP) gene polymorphisms in Red Maasai and Black Head Persian sheep breeds in Tanzania: Consistent profile regardless of locations</p>	<p><b>Cummins L*</b> Progeny testing for prime lamb production</p>	<p><b>Mavrogianni VS, Brozos C*</b> Reflections on the causes and diagnosis of peri-parturient deaths in ewes</p>
<b>10.30 – 11.00</b>	<b>Poster viewing – Coffee break</b>		
<b>11.00 – 11.30</b>	<b>Grip/Runde:</b> <b>Keynote: Winter AC: Footrot-control and eradication (elimination) strategies</b>		
	<b>Grip/Runde</b>	<b>Dyna</b>	<b>Halten</b>
<b>11.30 – 13.00</b>	<p><b><i>Chronic/Slow Disease 2</i></b> Chairpersons Ulvund M, Voigt K</p>	<p><b><i>Genetics &amp; Nutrition 2</i></b> Chairpersons Vatn S, Cummins L</p>	<p><b><i>Medicine and Disease 2</i></b> Chairpersons Stuen S, Granquist EG</p>
	<p><b>Sørby R, Austbø L, Press C*, Skretting G, Landsverk T, Espenes A</b> Low expression of PrP mRNA in tissue compartments accumulating PrP<sup>SC</sup> in the sheep spleen during experimental scrapie</p>	<p><b>Sivertsen T*, Garmo TH, Lierhagen S, Bernhoft A, Waaler T, Steinnes E</b> Trace elements in sheep and sheep pastures in Norway</p>	<p><b>Mavrogianni VS, Fthenakis GC*</b> Efficacy of difloxacin against respiratory infections of lambs</p>
	<p><b>Kenigswald G*, Van-Straten M</b> The effect of maedi-visna virus (mvv) positive serology on milk and meat production in Israeli "Assaf" sheep herd</p>	<p><b>Grøva L*, Olesen I, Steinshamn H, Stuen S</b> <i>Weight gain, immunity and robustness related to tick-borne fever in sheep</i></p>	<p><b>Orfanou DC*, Fragkou IA, Fthenakis GC, Mavrogianni VS</b> Control of liver abscess syndrome in lambs with marbofloxacin</p>
	<p><b>Spyrou V, Psychas V, Sofianidis G, Mavrogianni VS, Kalaitzakis M, Fthenakis GC, Billinis C*</b> Evidence of natural transmission of a sheep isolate of small ruminant lentiviruses from sheep to goats-findings from Greece</p>	<p><b>Karlsson J* &amp; Greeff J</b> Breeding sheep for fitness traits</p>	<p><b>Vatn S*, Malmo T, Svendsen S, Fredriksen B</b> Factors related to levels of immunoglobulins and survival of neonatal lambs</p>
	<p><b>Voigt K*, Baird G, Munro F, Murray F, Brülisauer F</b> Eradication of caseous lymphadenitis from a large Scottish hill flock –</p>	<p><b>Kerkmann A*, Ganter M, Ostmeier M, Hewicker-Trautwein M, Distl O</b> Results of breeding experiment on</p>	<p><b>Watt BR*</b> Liver Disease in sheep in New South Wales</p>

	a progress report	epidermolysis bullosa in sheep	
	<b>Nagel-Alne GE*, Sølverød LS, Valle PS, Simon-Nilsen M</b> Prevalence and handling of caseous lymphadenitis in sheep flocks in Malangen peninsula in Troms county	<b>Sargison N*, Jackson F, Gilleard J</b> Development of genetic crossing methods to identify genes potentially associated with macrocyclic lactone resistance in <i>Haemonchus contortus</i>	<b>Waage S*, Wangensteen G</b> Outcomes of ewes and their offspring following caesarean section
			<b>Scott P*, Sargison N</b> The collection and interpretation of cerebrospinal fluid in sheep practice
<b>13.00 – 14.30</b>	<b>Lunch</b>		
<b>14.30 – 16.00</b>	<b>Grip/Runde:</b> <b>Round Table</b> <b>Keynote lecture: Hendricks G: The spread of bluetongue in Europe</b> <b>Chairperson: Vellema P</b>		
<b>16.00 – 16.30</b>	<b>Poster viewing</b>		
<b>16.30 – 17.00</b>	<b>Utsira: Ordinary General Meeting of the Sheep Veterinary Society.</b>		
<b>16.30 – 17.00</b>	<b>Kvitsøy: ECSRHM Board Meeting. Room to be announced.</b> (Updates, report, election of new de facto Diplomates, Committees, Constitution, fees, next meeting, any other business)		
<b>18.00</b>	<b>Departure to Byrkjedal</b>		
<b>19.00 – 23.00</b>	<b>Traditional food, trolls and regional culture, among and inside rocky mountains</b>		
<b>24.00</b>	<b>Arrival at the hotels</b>		

<b>Mondag 15 June</b>			
<b>09.00 - 09.30</b>	<b>Grip/Runde:</b> <b>Keynote: Morris ST: Economics of Sheep Production</b>		
	<b>Grip/Runde</b>	<b>Dyna</b>	<b>Halten</b>
<b>09.30 - 10.30</b>	<b>Helminth disease 1</b> Chairpersons Bath G, Roger P	<b>Bacteriology 1</b> Chairpersons Juste R, Jeckel S	<b>Disease control and eradication programme 1</b> Chairpersons West D, Ridler A
	<b>#Bath G* and Van Wyk J</b> The five point check for targeted selective treatment of small ruminants at risk of parasitosis	<b>#Calvo-Bado LA, UI-Hassan A, Kaler J, Medley GF, Grogono-Thomas R*, Moore LJ, Green LE, Wellington EMH</b> Bacterial diversity during footrot infection in sheep	<b>Scott L, Moon C, Menzies P*, Reid-Smith R, Berke O, Avery B, Janecko N, McEwen S.</b> The prevalence of antimicrobial resistance on Ontario sheep farms and associations between antimicrobial use and resistance
	<b>Anderson R*, Bath G, Van Wyk J</b> The effect of application	<b>Rogdo T*, Fjeldaas T, Hektoen L, Bårdsen K, Dønne B</b>	<b>Windsor PA*, Eppleston J, Whittington R</b>

	of the FAMACHA© system on selected production parameters in sheep	A preliminary study of infectious claw diseases including clinical findings and bacteriological analyses for <i>Dichelobacter nodosus</i> in mixed sheep and cattle herds to investigate if cross-infection had occurred	How efficacious is vaccination in the control of ovine paratuberculosis in Australia?
	<b>Besier RB*</b> Targeted anthelmintic treatment : A new concept in sustainable sheep worm control	<b>Ganter M*, Bürstel D</b> Sanitation of <i>Brucella ovis</i> infections complicated by caseous lymphadenitis	<b>King, A*</b> Bluetongue vaccine as part of disease control in the UK
	<b>Hosking B*, Dobson R, Leathwick D, Coles G, Dorchies P</b> Can we preserve the life of a new class of anthelmintic?	<b>Guilory M, Wichtel J*, Lopez A</b> Diverse clinical presentations associated with an outbreak of <i>Clostridium perfringens</i> type D enterotoxaemia	<b>Hektoen L*, Høyland B, Vatn S, Kampen A</b> Prevalence of footrot in Norwegian sheep – clinical examination of one million feet
<b>10.30 – 11.30</b>	<b>Poster viewing – Coffee break</b>		
	<b>Grip/Runde</b>	<b>Dyna</b>	<b>Halten</b>
<b>11.30 – 13.00</b>	<b>Helminth disease 2</b> Chairpersons Bath G, Roger P	<b>Bacteriology 2</b> Chairpersons Juste R, Jeckel S	<b>Disease control and eradication programme 2</b> Chairpersons Petty K, Hektoen L
	<b>Hodne AJ, Heggberget T, Stuen S*</b> Appearance and prevention of gastrointestinal parasites of feral sheep on the isle Ytre Skjervøy, Norway	<b>#Juste RA; *Beltran de Heredia I, Arranz J, Minguijon E</b> Lamb mortality as a collateral effect of colostrum feeding for maedi control in an outbreak of <i>Yersinia pseudotuberculosis</i> mastitis	<b>Vatn S*, Hektoen L, Høyland B, Kampen AH, Skarra TK</b> Surveillance, control and eradication of footrot in Norway
	<b>Domke AM*, Chartier C, Gjerde B, Leine N, Vatn S, Østerås O, Stuen S</b> Control practices against gastro-intestinal nematode infections in small ruminant flocks in Norway	<b>Mavrogianni VS*, Cripps Fthenakis GC</b> Bacterial flora and risk of infection of the ovine teat duct and mammary gland throughout lactation	<b>König U*, Bjørk Averpil H</b> Efforts to eradicate ovine footrot in nineteen Swedish herds
	<b>Mederos A, Fernández S Peregrine A, Kelton D, Menzies P*, VanLeeuwen J, LeBoeuf A, Corriveau F,</b>	<b>Fragkou IA*, Skoufos J, Cripps PJ, Kyriazakis I, Papaioannou N, Boscós CM, Tzora A,</b>	<b>Ridler A*, Wilson D, Nixon N</b> Effect of environmental and climatic conditions on footrot in sheep in

	<b>Guthrie A, Martin R</b> Population dynamics of gastrointestinal nematodes in organic and conventional sheep farms in Canada-descriptive statistics	<b>Fthenakis GC</b> Differences in susceptibility to <i>Mannheimia haemolytica</i> - associated mastitis, between breeds of dairy sheep	the UK
	<b>Moors, E* ,Gauly M</b> Influence of a Moxidectin treatment in ewes on the growth rate of their lambs	<b>Stuen S, Bergström, Birtles R</b> Reservoir hosts for <i>Anaplasma phagocytophilum</i>	<b>Ganter, M* , Ennen, S</b> A field trial to control ovine footrot by Vaccination
	<b>Reichel R,* Scholes S</b> Congenital malformations, abortions and infertility in a sheep flock, associated with the use of a benzimidazole containing product during pregnancy	<b>Granquist EG*, Barbet AF, Bergstrøm K, Stuen S.</b> <i>Anaplasma phagocytophilum</i> outer membrane protein MSP(P44), A protective antigen against tick borne fever?	<b>#Ganter M*,Ennen S, Distl O, Hickford J</b> A field trial to control ovine footrot using genetic markers for the improvement of a vaccination program
<b>13.00 – 14.30</b>	<b>Lunch</b>		
<b>14.30 – 15.30</b>	<b>Grip/Runde:</b> <b>Round Table</b> <b>Keynote lecture: Ftenakis GC: A new opportunity for veterinarians: Membership of the European College of Small Ruminant Health Management (ECSRHM)</b> <b>Chairperson: Roger P</b>		
	<b>Grip/Runde</b>	<b>Dyna</b>	<b>Halten</b>
<b>15.30 – 16.00</b>	<b><i>Helminth disease 3</i></b> Chairpersons Høglund J, Domke A	<b><i>Mammary Gland 1</i></b> Chairpersons Mørk T, Bjorland J	<b><i>Disease control and eradication programme 3</i></b> Chairpersons Petty K, Hektoen L
	<b>#West D*, Pomroy W, Kenyon P, Morris S, Smith S</b> Estimating the cost of sub-clinical parasitism in grazing ewes	<b>Giadinis N*, Arsenos G, Tsakos P, Psychas V, Dovas C, Papadopoulos E1, Karatzias H, Fthenakis GC</b> “Milk drop syndrome” in dairy ewes: Clinical and diagnostic approach	<b>Dhungyel OM*, Whittington R</b> New approach to vaccination for treatment, control and eradication of footrot in sheep and goats
	<b>Rufener L*, Mäser P, Roditi I, Kaminsky R</b> <i>Haemonchus contortus</i> acetylcholine receptors of the DEG-3 subfamily and their role in sensitivity to amino-acetonitrile derivative (AAD) anthelmintics	<b>Gougoulis DA, Kyriazakis I, Papaioannou N, Papadopoulos E, Taitzoglou IA, Fthenakis GC*</b> Subclinical mastitis changes the patterns of maternal-offspring	<b>Plant, J *, Egerton JR</b> The “eradication” of virulent footrot from New South Wales

		behaviour in sheep	
<b>16.00 – 16.30</b>	<b>Poster viewing – Coffee break</b>		
	<b>Grip/Runde</b>	<b>Dyna</b>	<b>Halten</b>
<b>16.30 -17.30</b>	<b>Helminth disease 4</b> Chairpersons Høglund J, Domke A	<b>Mammary Gland 2</b> Chairpersons Mørk T, Bjorland J	<b>Economics</b> Chairpersons Bøe K, Thompson R
	<b>#Taylor M*, Learmount J, Lunn E, Morgan C, Craig B</b> Multiple resistance to anthelmintics in sheep nematodes and comparison of methods used for their detection	<b>Keningswald G*, Van Straten M</b> The effect of subclinical intramammary infection with coagulase negative staphylococci (CNS) on milk production in “Assaf” dairy sheep	<b>#Thompson R*</b> Prospects for continued sheep production on the English hills and uplands
	<b>Papadopoulos E, Fragkou IA, Mavrogianni VS, Gougoulis DA, Orfanou DC, Gallidis E, Ptochos S, Taitzoglou IA, Parker L, Fthenakis GC*</b> Persistent prophylactic efficacy of long-acting moxidectin (2% inj.sol.) for control of <i>Trichostrongylid</i> infections of sheep	<b>Lovatt FM*, Green LE</b> Observational study of clinical signs associated with different treatments for acute mastitis in ewes	<b>Bush RD*, Windsor PA, Toribio JA, Webster SR</b> Financial modelling as a tool to manage ovine Johne’s disease in southern New South Wales sheep flocks
	<b>Höglund J*, Gustafsson K, Donnan A, Skuce P</b> Anthelmintic resistance in Swedish sheep flocks	<b>Shwimmer A*, Keningswald G, Van Straten M, Merin U, Leitner G</b> Dry-off treatment of sheep and goats: Management tool for improving milk quantity and quality	<b>Parsons, C*</b> Comparing rates of gain of market lambs on three different feeding regimes
	<b>Sargison N, Wilson D, Scott P, Bartley D, Jackson F</b> Preliminary characterisation of a moxidectin resistant population of <i>Teladorsagia circumcincta</i> isolated from a sheep flock in the south east of Scotland	<b>Waage S*, Vatn S.</b> Risk factors for ovine clinical mastitis in the early postpartum period and during lactation	<b>Valergakis GE*, Gelasakis AI, Oikonomou G, Arsenos G, Fortomaris P, Banos G</b> Cost effectiveness of a dairy sheep genetic improvement program using artificial insemination
<b>17.30 – 18.30</b>	<b>Grip/Runde: FORMATION OF THE INTERNATIONAL SHEEP VETERINARY ASSOCIATION – II. Voting for the 8<sup>th</sup> ISVC in 2013. Two bids received.</b>		
<b>20.00 – 24.00</b>	<b>Lindesnes: Congress Grand Finale Dinner – Stavanger Forum. Results of voting for the ISVC 2013 to be announced.</b>		

<b>Tuesday 16 June</b>			
	<b>Grip/Runde</b>	<b>Dyna</b>	<b>Halten</b>
<b>09.00 - 10.00</b>	<b>Diagnosics</b> Chairpersons Vatn S, Willmington JA	<b>Mammary Gland 3</b> Chairpersons Waage S, Athanasiou LV	<b>Reproduction</b> Chairpersons Mavrogianni VS, Lawrence K
	<b>#Willmington JA*, Davies IH</b> Reasons for failing to reach a diagnosis in laboratory submissions from sheep	<b>#Athanasiou LV*, Orfanou D, Fragkou IA, Gougoulis D, Nerou C Katsoudas VL, Fthenakis GC</b> Lincomycin and spectinomycin concentrations in ewes' milk	<b>Piperelis SG*, Vafiadis D, Alexopoulos C</b> Quality and kinematic characteristics of filtrated ram semen
	<b>Bath G*</b> An international electronic resource for sheep diseases	<b>Athanasiou LV*, Orfanou D, Fragkou IA, Gougoulis D, Nerou C, Katsoudas VL, Vachratidis GC, Fthenakis GC</b> Proposals for withdrawal time of sheep milk for some commonly used veterinary medicinal products	<b>Piperelis SG*, Vafiadis D, Alexopoulos C.</b> Seasonal variations in kinematic characteristics of Chios breed ram ejaculates
	<b>Våge ÅØ*, Ulvund MJ</b> Clinical pathology in a normal Norwegian sheep flock as a background and tool for evaluation of clinical emergence of ketosis	<b>Brozos CN, Papaioannou N, Boscós C, Kiossis E</b> Endoscopic and histopathologic investigation of teats in dairy ewe	<b>Pozzi N, Sellem E, Breard F, Medina P, Humbolt P, Mathevet P, Guerin B*.</b> Vaccination of rams against bluetongue with a BTV-8 killed vaccine: Effects on semen quality parameters
	<b>Syrjälä P*, Anttila M, Dillard K, Collin K, Haltia L, Nylund M, Perko-Mäkelä P, Raunio-Saarnisto M, Schulman K, Fossi M</b> Endemic diseases detected in 611 sheep and goat necropsies in Finland in 1999-2007	<b>Fragkou IA*, Dagleish MP, Papaioannou N, Cripps PJ, Boscós CM, Ververidis HN, Orfanou DC, Solomakos N, Finlayson J, Govaris A, Kyriazakis I, Fthenakis GC</b> Role of inducible-lymphoid follicle-like structures at the teat duct of ewes after experimental challenge with <i>Mannheimia haemolytica</i>	<b>Lawrence K*, Laven R.</b> The evidence for reduced veterinary treatment of vaginal prolapse since the UK 2001 FMD outbreak
<b>10.00 – 10.30</b>	<b>Kvitsøy: 2nd Annual General Meeting of the ECSRHM College. Room to be announced</b> (Update on College's business, Report by the President and Secretary, Report by the Treasurer, Election of Honorary Member, New Members, Announcement of Committees, Membership subscription fees for the year 2009, Election of Auditors, Any Other Business)		
<b>10.30 – 11.00</b>	<b>Closing session</b>		
<b>11.00 – 11.30</b>	<b>Lunch – "Grab and go"</b>		

## # preferred keynote presentations

### POSTERS

- 1. Anderson R\*, Bath G, Thompson P, Stadler M:** A CASE REPORT OF OESOPHAGEAL OBSTRUCTION (CHOKE) IN DORPER EWES CAUSED BY FEED IMPACTION
- 2. Azevedo H\*, Bicudo S Maia M, Sousa D, Rodello L, Sicherle C:** INFLUENCE OF PLASMATIC MEMBRANE CRYORESISTENCE ON THE ACROSOMAL INTEGRITY IN RAM SPERMATOZOA SUBMITTED TO CRYOPRESERVATION
- 3. Boman IA\*, Våge DI:** A MUTATION IN BCDO2 CAUSES YELLOW FAT IN NORWEGIAN LAMBS
- 4. Brozos C\*, Mavrogianni VS, Tzora A, Skoufos I, Athanasiou LV, Fthenakis GC:** EFFICACY OF DIFLOXACIN FOR TREATMENT OF CONTAGIOUS AGALACTIA OF SHEEP
- 5. Bürstel D, Adams W, Ganter M\*:** REPRODUCTIVE PERFORMANCE OF RAMS AFTER BLUE TONGUE DISEASE
- 6. Bårdsen K\*, Meling S, Brundtland E, Ulvund MJ:** DETECTION OF PRION PROTEIN BY IMMUNO-PCR
- 7. Carcangiu V\*, Mura MC, Pazzola M, Luridiana S, Maricosu G, Dettori ML, Bini PP, Vacca GM:** EFFECT OF MELATONIN TREATMENT ON FERTILITY OF SARDA BREED SHEEP SUBJECTED TO ARTIFICIAL INSEMINATION
- 8. Chirico, J, Schwan O\*, Aspan, A:** NO ACARICIDE RESISTANCE DETECTED IN TICKS, ALTHOUGH CONTINUOUS PROBLEMS WITH ANAPLASMA PHAGOCYTOPHILUM
- 9. Domes U\*, Graunke W:** PELVIC CHONDROSARCOMA IN A SHEEP
- 10. El-Battawy KA:** INDUCTION OF SEXUAL ACTIVITY OF EGYPTIAN RAMS USING SHORT DAYS AND MELATONIN
- 11. Ezzi A\*, Pourbakhsh SA, Moradi Bidhendi S:** STUDY ON MYCOPLASMAL PNEUMONIA AT THE ZIARAN ABATTOIR
- 12. Ganter M\*, Perbix C, Demeler J, von Samson-Himmelstjerna G:** RESISTANCE OF PARASITIC NEMATODES AGAINST MOXIDECTIN IN GERMAN SHEEP FLOCKS
- 13. Ghalamkari GH\*, Rahmatim M, Tabatabaee SN, Forouzande AD, Eghbal Saeid SH:** THE EFFECT OF DIFFERENT LEVELS OF OLIVE CAKE ON LIPID PROFILE OF FATTENING KURDISH FINISHING LAMBS
- 14. Greenwood S L\*, Alzahal O, Steele MA, Hook SE, McBride BW:** NUTRITIONAL INDUCTION OF METABOLIC ACIDOSIS
- 15. Gustafsson K\*, Grönlund-Andersson U:** CLINICAL MASTITIS IN EWES: BACTERIOLOGY AND ANTIBIOTIC RESISTANCE
- 16. Howe M, Scott, P\*, Sargison N, Williams D:** IMPROVING SHEEP WELFARE BY INFORMATION TRANSFER TO FARMERS – THE NADIS PROJECT
- 17. Huntley S\*, Green L:** A STUDY OF TEMPORAL TRENDS OF INFECTION, SUB-CLINICAL AND CLINICAL MASTITIS IN BRITISH EWES IN ORDER TO PROPOSE A PREVENTION AND TREATMENT PLAN
- 18. Hughes PL\*, Dowling AF, Callinan APL:** RESISTANCE TO MACROCYCLIC LACTONE ANTHELMINTICS AND ASSOCIATED RISK FACTORS ON SHEEP FARMS IN THE LOWER NORTH ISLAND OF NEW ZEALAND
- 19. Idris A, Bubnick C, Herrmann A, Moors E\*, Erhardt G, Gaulty M:** RELATIONSHIPS BETWEEN MORPHOMETRIC TRAITS AND *HAEMONCHUS CONTORTUS* INFECTION IN DIFFERENT SHEEP GENOTYPES
- 20. Katsoulos PD, Christodouloupoulos G\*:** PREVALENCE OF DUCTAL AND GALL-STONES IN SHEEP

- 21. Katsoulos PD, Christodoulouopoulos G\*, Kontopidis G, Minas A, Tzivara A, Kritas SK:** LEUCOCYTES COUNTS OF BRONCHOALVEOLAR LAVAGE FLUIDS OBTAINED FROM NORMAL AND MAEDI-VISNA INFECTED SHEEP
- 22. Katsoulos PD, Christodoulouopoulos G\*, Minas A:** THE ROLE OF ASPARTATE AMINOTRANSFERASE (AST), LACTATE DEHYDROGENASE (LDH) AND ALKALINE PHOSPHATASE (ALP) IN MILK SERUM FOR THE DIAGNOSIS OF CLINICAL AND SUBCLINICAL MASTITIS IN SHEEP
- 23. Meling S\*, Ulvund MJ:** FLOCK HEALTH VISITS IN 17 SHEEP FLOCKS IN ROGALAND
- 24. Meling S\*, Bårdsen K, Brundtland E, Bjørnstad A, Ulvund MJ:** SEARCHING FOR BIOMARKERS IN SHEEP WITH CLASSICAL SCRAPIE
- 25. Meling S\*, Ulvund MJ:** CLOSANTEL TOXICITY IN LAMBS IN NORWAY
- 26. Moog U\*, Früh R:** SUPPLY OF EWES WITH SELECTED QUANTITY AND TRACE ELEMENTS ON EXTENSIVELY CULTIVATED GRASSLAND SITES IN THURINGIA
- 27. Moors E\*, Gauly M:** COMPARISON OF DIFFERENT METHODS FOR MEASURING THE COLOUR OF MUCOUS MEMBRANES IN NATURALLY PARASITE INFECTED GERMAN SHEEP
- 28. Moshfeghi S:** STUDY OF PLASMA TOTAL ANTIOXIDANT CAPACITY(TAC) OF EWES IN LATE PREGNANCY AND ITS CORRELATION WITH NEWBORN LAMBS
- 29. Mushi DE\*, Eik LO, Thomassen MS, Mtenga LA, Sørheim O, Ådnøy T:** FATTY ACID COMPOSITION IN MEAT FROM FEMALE NORWEGIAN LAMBS, CASTRATED CASHMERE AND NORWEGIAN GOATS
- 30. Mustonen E\*, Orro T, Kivinen T, Soveri T:** COMPARISON OF HEALTH INDICATORS AND GROWTH RATE IN LAMBS GROWN IN A CONVENTIONAL WOODEN HOUSE AND IN A NEW GREENHOUSE TYPE PRODUCTION HALL
- 31. Nematollahi A:** SURVEY ON INFESTATION IN GOATS TO MUELLERIS CAPILLARIS IN SLAUGHTERHOUSE OF TABRIZ
- 32. Orfanou DC\*, Fragkou IA, Athanasiou LV, Gougoulis DA, Fthenakis GC, Mavrogianni VS:** USE OF OXYTOCIN TO CONTROL POST-PARTUM METRITIS IN EWES
- 33. Phythian CJ\*, Michalopoulou E, Cripps PJ, Winter AC, Duncan JS:** THE PREVALENCE OF WHITE LINE DISEASE IN SHEEP IN NORTH ENGLAND AND NORTH-MID WALES
- 34. Piperelis SG\*, Vafiadis D, Alexopoulos C:** UTILIZATION OF LOW VIABILITY RAM EJACULATES USING A NEW SIMPLE FILTRATION PROCEDURE
- 35. Pourjafar M\*, Hayatifard M:** THE EFFECT OF PEPPERMINT (MENTHA PIPERITA) ON RUMINAL PHYSIOLOGICAL PARAMETERS IN LORI SHEEP
- 36. Rashtian A\*, Mesdagh M, Boldaji F:** DIET SELECTION BY SHEEP AND GOATS IN STEPPE REGIONS OF YAZD PROVINCE, IRAN
- 37. Rautiainen J:** HERD HEALTH TOOLS FOR THE VETERINARY, ADVISOR AND FLOCK OWNER
- 38. Ripoll R\*, Molina E, Villalba D:** ANALYSIS OF HERD DYNAMICS AND REPRODUCTIVE EFFICIENCY IN A SHEEP INTENSIVE OPERATING SYSTEM (STAR)
- 39. Robertson L\*, Furuseth Hansen E, Gjerde B:** ZONOTIC POTENTIAL FROM *CRYPTOSPORIDIUM* AND *GIARDIA* INFECTIONS IN YOUNG LAMBS IN NORWAY
- 40. Scholes S, Edwards G, Foster A, Holliman A, Whitaker K\*, Mitchell S, Davies I, Jones J:** UNUSUAL ENCEPHALOPATHY IN WEANED LAMBS – A CONSEQUENCE OF WATER DEPRIVATION?
- 41. Scott P\*, Sargison N:** THE APPLICATION OF SOUND ANALYSIS IN THE DIAGNOSIS OF OVINE RESPIRATORY DISEASE
- 42. Scott P:** EPIDURAL ANALGESIC REGIMENS FOR COMMON SURGICAL PROCEDURES IN SHEEP PRACTICE
- 43. Stevenson H:** PHOTOSENSITISATION ASSOCIATED WITH COPPER POISONING IN EWES
- 44. Tabatabaei SN\*, Rahmati M, Frozandeh AD, Ghalamkari GH, Eghbal Saeid SH:** THE EFFECT OF DIFFERENT LEVEL OF OLIVE CAKE ON PERFORMANCE AND CARCASS CHARACTERISTICS OF FATTENING KURDISH LAMBS
- 45. Tatar A\*, Amirkhani M :** AN INVESTIGATION ON THE COMPARISON FORAGE QUALITY OF THREE GRASSES (*AELUROPUS LAGOPOIDES*, *AELUROPUS LITTORALIS*, *PUCCINILIA DISTANCE*) IN SALINE AND ALKALINE HABITATS OF INCHEH-BOURN IN GOLESTAN PROVINCES

**46. Vidal E, Bolea R, Monleón E, Márquez M, Monzón M, Acín C, Vargas A, Pumarola M, Badiola JJ\***: DIFFERENCES IN THE BRAIN PRP<sup>SC</sup> DISTRIBUTION CURVES (BPDC) OF TYPICAL AND ATYPICAL SCRAPIE

**47. Walsh SR, Menzies PI\*, Foster RA, Wootton SK**: FULL-LENGTH SEQUENCE ANALYSIS OF ENZOOTIC NASAL TUMOR VIRUS FROM SHEEP NASAL TUMORS AND CONSTRUCTION OF A MOLECULAR CLONE

**48. Wilson DJ, Sargison ND\*, Scott PR, Phil SM, Penny CD**: GASTROINTESTINAL NEMATODE EPIDEMIOLOGY IN A COMMERCIAL SHEEP FLOCK: THE POST-TREATMENT RISE AND ITS POTENTIAL IMPLICATIONS

**49. Zarogiannis S, Christodouloupoulos G\*, Hatzoglou C, Stefanidis I, Gourgoulianis K, Molyvdas PA**: ELECTROPHYSIOLOGICAL PROPERTIES OF VISCERAL PLEURA IN SHEEP AFFECTED BY MAEDI-VISNA