



Climate Change And Dairy Cattle: Challenges And Adaptation Strategies

Programa

9:00	Welcome
	Opening Session
9:15	The Optibarn Project: defining the problem and expected results. Sabrina Hempel . Leibniz-Institut für Agrartechnik und Bioökonomie e.V (Germany)
9:40	Parallel experiences on Climate change adaptation: the "Pig Change" project. Melynda Hassouna . Institut National de la Recherche Agronomique (France)
	Session 1. Climate Change Scenarios
10:00	IPCC Scenarios and accuracy of prediction models. M^a José Estrela . Universitat de València (Spain)
10:15	OptiBarn models for regional climate – risk factors in OptiBarn focus regions. Christopher Menz . Potsdam Institute for Climate Impact Research (Germany)
10:30	Microclimate in NVB – case studies and modeling for OptiBarn focus regions. Sabrina Hempel . Leibniz-Institut für Agrartechnik und Bioökonomie e.V (Germany)
10:45	Open discussion
11:00	Coffee Break
	Session 2. Animal Welfare and Climate Change
11:30	Animal responses to Heat Stress. Pol Llonch . Universitat Autònoma de Barcelona (Spain)
11:45	Influence of barn climate on physiological parameters and behavior of dairy cows considering cow-related factors. Severino Pinto . Leibniz-Institut für Agrartechnik und Bioökonomie e.V (Germany)
12:00	Optibarn experiments – body temperature monitoring. Harel Levit & Illan Halachmi . Agricultural Research Organization, Volcani Center
12:15	Open discussion
12:30	Lunch



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Programa (cont.)

	Session 3. Impacts of environmental conditions on dairy farming
13:30	General overview on environmental impacts from dairy farming. Nico Ogink. Wageningen UR (The Netherlands)
13:45	Modelling framework in Optibarn. Agustín del Prado. Basque Center for Climate Change (Spain)
14:00	Modelling gaseous emissions in OptiBarn. Fernando Estellés. Universitat Politècnica de València (Spain)
14:15	Open Discussion
14:30	Session 4. Adaptation strategies
14:30	Farm-scale strategies. Thomas Bartzanas. The Centre for Research and Technology (Greece)
14:45	System-scale strategies. Tom Misselbrook. Rothamsted Research (UK)
15:00	Genetics as a tool for climate change adaptation. M^a Jesús Carabaño. Instituto Nacional de Investigación y Tecnología Agraria y Agroalimentaria (Spain)
15:15	Precision Zone Ventilation – OptiBarn adaptation strategies. Guoqiang Zhang. Aarhus University (Denmark)
15:30	Open Discussion
15:45	Final Conclusions

Se ruega confirmar asistencia por mail:

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