



PRECISION LIVESTOCK FARMING ACADEMY: DIGITAL INNOVATIONS IN VETERINARY PRACTICE

Virtual Training Program

	Time (Central European Time)	Lecturer	Affiliation	Topic
16 June 2025	09:00-09:20	Prof.Dr. Begum Yurdakok Dikmen	Ankara University, TURKIYE	Welcome and Introduction to the BIP program
	09:20-09:50			How "The Report on the Impact Of Digital Technologies & Artificial Intelligence In Veterinary Education and Practice by European Coordination Committee on Veterinary Training" is shaping the skills of future veterinarians
	10:00-11:45 (+ 15 min Q&A)	Prof.Dr. Raphael Guatteo	Nantes-Atlantic National College of Veterinary Medicine, FRANCE	An overview of the Internet of Things (IoT) in Ruminants: opportunities and limits"
17 June 2025	09:00-09:30 (+ 15 min Q&A)	Assist.Prof. Mehmed Halil	Trakia University, BULGARIA	Precision Sheep Farming Practices in Bulgaria
	10:30-11:00 (+ 15 min Q&A)	Assoc.Prof. Koray Tekin	Ankara University, TURKIYE	Precision Sheep Farming Practices in Turkey
18 June 2025	09:00-09:30 (+ 15 min Q&A)	Prof.Dr. Halit Kanca	Ankara University, TURKIYE	Monitoring Health Status of Transition Dairy Cows with Tri-axial Accelerometer Based Ear Attached Sensor
	09:45-10: 15 (+ 15 min Q&A)	Dr. Oguz Çalışıcı	Phytobiotics, GERMANY	Next-Gen Animal Health Monitoring: Real-Time Insights from the Barn
	10:30-11:00 (+ 15 min Q&A)	Dr. Nilay Yücesoy Akbaş	TiHo, GERMANY	The Impact of PLF Technologies on Milk Production and Animal Welfare
19 June 2025	09:00-09:30 (+ 15 min Q&A)	Vet. Cahit Ayata	MSD Animal Health, TURKIYE	What the Field Expects from Future Veterinarians from PLF
	09:45-10: 15 (+ 15 min Q&A)	Vet. Adem Yücel	MSD Animal Health, TURKIYE	Application of Sensor Technologies and Big Data Analytics in Food Safety and Farm Optimization
	10:30-11:00 (+ 15 min Q&A)	Assist.Prof. Hilal Çapar	Ankara University, TURKIYE	Husbandry perspectives for PLF practices
	11:15-11:45 (+ 15 min Q&A)	Assist.Prof. Farah Gönül Aydın	Ankara University, TURKIYE	Precision Aquatic Farming
20 June 2025	09:00-09:45 (+ 15 min Q&A)	Prof.Dr. Umut Taşdemir	Ankara University, TURKIYE	Artificial Insemination Based Visual Technologies for Monitoring and Assessing Reproductive Performance in Livestock
	10:00-11:00	Prof.Dr. Begum Yurdakok Dikmen		Biosafety Training for the Field Practices in Ankara
	11:00-11:30			Closure, What to Expect from the Field Training



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On site Training Program

	Time	Lecturer	Topic
30 June 2025	09:30-10:00	Prof.Dr. Begum Yurdakok Dikmen	Welcoming students to Ankara University, Introduction to Field Training program
	10:00-11:00	Prof.Dr. Begum Yurdakok Dikmen	Ice-breaking and warming-up activities with course participants
	11:00-12:00	Prof.Dr. Halit Kanca	Monitoring Health Status Calves with Tri-axial Accelerometer Based Ear Attached Sensor, Development of Automatic Health Monitoring System and Early Warning Model
	12:00-13:00	Lunchbreak	
	13:00-14:00	Assist.Prof. Hilal Çapar	Integrating Animal Husbandry Principles into Precision Poultry Farming
	14:00-15:00	Prof.Dr. Begum Yurdakok Dikmen/Prof.Dr. Halit Kanca	Group Discussions
	15:00-16:00	Visiting Veterinary Anatomy Museum	
	16:00-17:00	Visiting Veterinary History and Deontology Museum	
1 July 2025	09:30-10:30	Assoc.Prof. Ali Çalık	Precision Feeding Systems
	10:30-11:30	Mehmet Sedat Ceylan (ESA group)	Smart manure management systems for green Europe
	11:30-12:30	Assist.Prof. Mehmed Halil	Welfare assessment of Sheep
	12:30-13:30	Lunchbreak	
	13:45-17:00	Visiting Faculty Farm	
2 July 2025	08:30-17:30	Prof.Dr. Halit Kanca	PLF practices on site: Visiting beef farm in Ankara
3 July 2025	08:30-17:30	MSD Animal Health in Turkey (Adem Yücel, Cahit Ayata)	PLF practices on site: Visiting dairy farm of 1200 capacity in Aksaray, nightover in Aksaray
4 July 2025	07:45 bus 08:30-17:00	Hosted by Aksaray University (Assoc.Prof. Ali Evren Haydardedeoglu)	Visiting Aksaray University and related premises/ Visiting Goreme region/historical sights, Continuation of the visitation of dairy farm in Aksaray
	17:00-18:00	Prof.Dr. Begum Yurdakok Dikmen	Closing remarks, Quiz, Certificates