The Book of Abstracts represents the main publication of the 47th Annual Meeting of the European Association for Animal Production in Lillehammer from 25 - 29 August, 1996. It contains abstracts of the invited papers and contributed presentations including posters. The Book of Abstracts contains 675 abstracts in total.

The meeting has sessions in the fields of Animal Genetics, Animal Nutrition, Animal Management and Health, Animal Physiology, Cattle Production, Pig Production, Sheep and Goat Production, and Horse Production. In addition joint sessions on topics related to several disciplines or species are included.
The accuracy of the use of nine ultrasonic measurements of lumbar fat thickness, for predicting the carcass quality and body fat deposits in live goats ranging in stemal body condition score from 1.5 to 4.5. The lambs were fauened at 30kg live body weight. Ultrasonic measurements of fat thickness, muscle depth, muscle width and muscle area (M. longissimus dorsi) were performed at the last rib before slaughter. After slaughter and 24 hours of cooling the same measurements of m. l. d. were taken on the carcass. The correlations between ultrasonic and after slaughter measurements of m. l. d. were 0.64 for muscle area, 0.47 for muscle width and 0.64 for muscle depth and showed high significance. The correlations between live ultrasonic measurements and chosen carcass traits (the weight of loin, best end neck, fillet, leg, and meat weight in the leg) were from 0.34 to 0.44 for muscle area, from 0.23 to 0.44 for muscle depth and from 0.29 to 0.31 for muscle width. We conclude, that live ultrasonic measurements could be useful in life limits evaluation but require further study.