Optimization of Individual Prestimulation in Dairy Cows. By Weiss and Bruckmaier, page 137. Oxytocin release and milking characteristics were investigated in 43 dairy cows after the application of various prestimulation routines by vibration stimulation lasting between 0 and 90 s. The optimal prestimulation was prolonged in less-filled udders and shortened in well-filled udders. An optimized prestimulation duration can reduce vacuum load in less-filled udders and reduce time needed for milking in well-filled udders.