

# BUILDING OUR DAIRY FUTURE: ROBOTIC MILKING SYSTEMS PERFORMANCE & EFFICIENCY

MORNING

Monday, January 28, 2019, 10 am-12 pm

## ROBOTIC FACILITIES DESIGN CONSIDERATIONS

*Jouni Pitkäranta, Architect, 4dbarn*



Jouni Pitkäranta is specialized in dairy, youngstock, and calf barn design especially focused on robotic milking barn design. He has designed about 600 dairy barns in total mostly in Finland, but also in Sweden, Estonia, Russia, Lithuania, Holland, and Germany.

## ECONOMICS OF AUTOMATIC MILKING SYSTEMS

*Larry Tranel, Dairy Field Specialist, Iowa State University Extension & Outreach*



Larry Tranel specializes in financial analysis of all types of dairy farms; dairy facilities, low cost milking parlors, and cow comfort.

AFTERNOON

Monday, January 28, 2019, 1 pm-3 pm

## LABOR EFFICIENCY IN AMS BARNES

*Jouni Pitkäranta, Architect, 4dbarn*



Jouni Pitkäranta developed an international robot barn labor efficiency project monitoring robot barn performance in numerous barns in Finland, Sweden, Denmark, Holland, and the United States.

## ROBOTS: THE GOOD, THE BAD, THE UNKNOWN

*Panelists: JenLar Holsteins; BMO Harris; Abts Lely Center; Fox Cities Builders*



Larry and Jennifer Meyer put in an automatic milking system in 2017. Their lender, AMS dealer, and builder will join them to discuss the good, the bad, and the unknown of transitioning to robotic milking.

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Monday, January 28, 2019

The Osthoff Resort

101 Osthoff Ave, Elkhart Lake, WI

10:00 am Registration

10:30 am **Automated Milking System Design  
Considerations**

*Jouni Pitkäranta, Architect, 4dbarn*

11:15 am **Economics of Automatic Milking & User  
Experiences**

*Larry Tranel, Dairy Field Specialist, ISU Extension*

12:00 pm Lunch

1:00 pm **Labor Efficiency in AMS Barns**

*Jouni Pitkäranta, Architect, 4dbarn*

1:45 pm **Robots: The Good, The Bad, The Unknown**

*Panelists: JenLar Holsteins (Larry & Jennifer Meyer),  
BMO Harris, Abts Lely Center, Fox Cities Builders*

3:00 pm **Wrap up**



**FOR MORE INFORMATION,  
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Financial Support  
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**Building Our Future: Robotic Milking Systems - January 28, 2019**

Registration Cost: \$30 per person

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City/State: \_\_\_\_\_

Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Please make checks payable and mail to:

**UW-Extension**

Attn: Robotic Milking Systems

121 West Main St, PO Box 994

Port Washington, WI 53074

Or to pay by credit card for a \$ 3 per person  
convenience fee, please call 920.929.3171

**Pre-registration requested by Friday, January 18.**