2020 DIGITAL AGRICULTURE SUMMIT AGENDA

DAY ONE | Tuesday, October 6th, 2020

08:00-09:30 PLENARY SESSION

Chair: Christopher Keane, Vice President for Research, Washington State University

8:00 Welcome and Opening Remarks

Speakers:
Christopher Keane, Vice President for Research, Washington State University
Scot Hulbert, Associate Dean for Research, College of Ag., Human, and Nat. Resource Sciences, Washington State University
Mary Rezac, Dean, Voiland College of Eng. & Arch., Washington State University
Claudio Stockle, Biological Systems Engineering, Washington State University
Ananth Kalyanaraman, School of Electrical Eng. & Computer Science, Washington State Univ.

8:30 KEYNOTE ADDRESS BY NORMAN SCOTT

Professor Emeritus, Biological & Env. Eng. Cornell Univ.

Digital Ag: Creating the Future for Agriculture and Food Systems


9:15 Q&A

9:30-10:00 Break

All times in U.S. Pacific Time
10:00-11:30 INVITED SESSION: A Stakeholder’s View of Digital Agriculture

Moderator: Derek Sandison, Director, WA State Dept. Agriculture

Speakers:

10:00 Derek Sandison, Director, WA State Department of Agriculture
10:15 Ines Hanrahan, Executive Director, WA Tree Fruit Research Commission
10:30 Mathew Blua, Director of Industry Outreach, WA State Potato Commission
10:45 Richard Hamman, Viticulture Consultant
11:00 Moderated Q&A and discussion

11:30-13:00 INVITED SESSION: A Technology Perspective of Digital Agriculture

Moderator: Alan Boyle, Contributing Editor, GeekWire

Speakers:

11:30 Alan Boyle, Contributing Editor, GeekWire
11:40 Kurt Steck, Managing General Partner, 5G Innovation Lab
11:55 Steve Mantle, Founder and CEO, innov8ag
12:10 Dan Maycock, VP Data & IT, Loftus Ranches
12:25 Senthold Asseng, Professor, Cropping Systems Modeling, Univ. Florida
12:40 Moderated Q&A and discussion

13:00-13:30 Break

13:30-15:00 INVITED SESSION: Academia’s View on Digital Agriculture


Speakers:

13:40 Qin Zhang, Director, Center for Precision & Automated Agricultural Systems, Washington State Univ.
14:00 Bruno Basso, Professor, Earth & Env. Sciences, Michigan State Univ.
14:20 Patrick Schnable, Director, Plant Sciences Institute, Iowa State Univ.
14:40 Moderated Q&A and discussion

All times in U.S. Pacific Time
15:00-15:15  Break

15:15-16:30  PANEL: Enabling the Road from Innovation to Adoption in Digital Agriculture: Challenges and Opportunities

**Moderator:** Chad Kruger, Director, CSANR & Wenatchee TFREC, Washington St. Univ.

**Panelists:**
- Dave Brown, Director, AgWeatherNet, Assoc. Prof. Soil Sci., Washington State Univ.
- Amit Dhingra, Interim Chair & Professor, Horticulture, Washington State Univ.
- Leonard Felix, President, CID Bio-Science
- Alan Fern, Professor, Assoc. Head of Research, Computer Science, Oregon State Univ.
- Kommy Weldemariam, Chief Scientist, Master Inventor, IBM Research – Africa Labs
- Rickey Yada, Professor and Dean, Land & Food Systems, Univ. British Columbia

16:30  Adjourn

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**DAY TWO | Wednesday, October 7th, 2020**

08:00-09:30  PLENARY SESSION

8:00  KEYNOTE ADDRESS BY STEVEN THOMSON

National Program Leader, Dept. Agricultural Systems, United States Dept. Agriculture

*IoT and Cyber-Physical Systems for Digital Agriculture – Evolution, Funding Opportunities & Future Needs*

**Moderator:** Scot Hulbert, Washington State Univ.

9:00  PRESENTATION BY CONGRESSWOMAN CATHY MCMORRIS RODGERS

**Moderator:** Mary Rezac, Dean, Voiland College of Eng. & Arch., Washington State Univ.

All times in U.S. Pacific Time
09:30-10:45 INVITED SESSION: How AI & Cyberinfrastructure are Impacting the Evolution of Dig. Ag.

**Moderator:** Jana Doppa, Assoc. Professor, School of EECS, Washington State Univ.

**Speakers:**
- 9:30 Siyuan Lu, Manager & Principal Research Staff Member, IBM Research, NY
- 9:50 Vikram Adve, Donald B. Gillies Professor of Computer Science and Director of AIFARMS, U. Illinois Urbana-Champaign
- 10:10 Dan Stanzione, Assoc. Vice President for Research, Executive Director, TACC, UT Austin
- 10:30 Moderated Q&A and discussion

10:45-12:00 INVITED RESEARCH TALKS

**Moderator:** Lav Khot, Assoc. Professor, Bio. Sys. Eng., Washington State Univ.

**Speakers:**
- 10:45 Changying Li, Professor, School of Elec. Computer Eng., Univ. Georgia
- 11:35 Jia Yu, Asst. Professor, School of EECS, Washington State Univ.
- 11:45 Moderated Q&A and discussion

12:00-13:00 LIGHTNING TALKS


**Speakers:** 5 minutes per talk

13:00-13:30 Break

13:30-15:00 BREAKOUT SESSIONS

Concurrent breakout sessions (one moderator per session)

**List of moderators:** Jan Boll, Amit Dhingra, Jana Doppa, David Huggins, Ananth Kalyanaraman, Manoj Karkee, Lav Khot, Kirti Rajagopalan, Sindhu Sankaran, Claudio Stockle, Qin Zhang

15:00 CLOSING REMARKS

(Claudio Stockle, Ananth Kalyanaraman)

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