

DNE1008 Minutes, Oct. 5, 2002, Orono, Maine

Submitted by secretary, ytao@wam.umd.edu

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Gary Hyde, Chair, 10/5/02 at 8:10am, University of Maine.

	Attendees:	Affiliation	Email address
1	Loren Gautz	University of Hawaii, Manoa	lgautz@hawaii.edu
2	Daniel Guyer	Michigan State University	guyer@egr.msu.edu
3	Paul Heinemann	Penn State	hzh@psu.edu
4	Yong D. Hang	Cornell University, Geneva	ydh1@cornell.edu
5	Richard Stroshine	Purdue University	strosh@ecn.purdue.edu
6	James Throop	Cornell University	jat12@cornell.edu
7	Renfu Lu	USDA-ARS	lur@msu.edu
8	Stan Prussia	University of Georgia	sprussia@griffin.peachnet.edu
9	Andre Baritelle	Motorola	andre.baritelle@motorola.com
10	Darrell Donahue	University of Maine	Darrell_Donahue@umit.maine.edu
11	Roger Rohrbach	NC State University	rohrbach@eos.ncsu.edu
12	Steve Goodwin	University of Massachusetts	sgoodwin@fnr.umass.edu
13	Gary Hyde	Washington State University	gmhyde@wsu.edu
14	Yang Tao	University of Maryland	ytao@wam.umd.edu
15	Boyan Peshlov	University of Maine	Boyan.Peshlov@umit.maine.edu
	Members not present:		
	Vangle Alocilja	Michigan State University	
	Daniel J. Aneshansley	Cornell Ithaca	
	Antje J. Baeumner	Cornell Ithaca	
	M. D. Boyette	NC State University	
	M. J. Delwiche	0DUniversity of California Davis	
	J. K. Fellman	Washington State University	
	Yen-Con Hung	University of Georgia	
	Joseph Irudayaraj	0DPenn State University	
	M. Andy Rao	Cornell University-Geneva	
	Joseph Scheerens	Ohio State University	
	D. C. Slaughter	0DU. Cal. Davis	
	Ajit Srivastava	Michigan State U.	
	L. Stikeleather	NC St. U	
	Juming Tang	Washington State U	
	Ernest Tollner	U of Georgia	

Gary called meeting to start.

Introductions

1. Welcome to the new administrative advisor of NE-1008 Dr. Steve Goodwin, University of Massachusetts .
2. Awards to NE-179 and its members. Steve Goodwin reported the Director's meeting in West Virginia and NE-179 received the annual award for the job well done. Steve presented certificates to committee members and will get corrections for and send out a few others.
3. Gary requested Station Reports from each station. Send email attachment to him.
4. Welcome to The University of Maine by G. Bruce Wiersma, Ph.D., Dean of the College of Natural Sciences, Forestry and Agriculture and Director of the Maine Agricultural and Forestry Experiment Station. The Dean drove 18 miles from home on a Saturday morning to the meeting and showed his interest and support. He gave an introduction of the University, College of Ag and Natural Resources, Experiment State, and Maine Agriculture.

Station Reports*

	Speaker	Affiliation	Title
1	James Throop	Cornell	ODDetection of internal and external defects for apples
2	Yong D. Hung	Cornell	Relationship between the activity of β galactonase and grape firmness
3	Stan Prussia	Georgia	Simulation models for predicting postharvest changes / Electrolyzed water for treating lettuce (Yen-con Hung) / Classification of onions based on internal defects using commercial x-ray inspection equipment (Bill Tollner)
4	Loren Gautz	Hawaii	Coffee Origins & Kanalactone using NIRS.
5	Darrell Donahue	Maine	Infestation detection in blue berries via NIR
6	Yang Tao	Maryland	Safety inspection of fresh fruits and vegetables using optical sensing and imaging techniques.
7	Daniel Guyer	Michigan	UV visible and NIR reflectance and florescence for disorder and insect identification on fruits and vegetables.
8	Roger Rohrbach	N.Carolina	Effects of sunlight or shade on maturity and optical density in blueberries.
9	Paul Heinemann	Penn	Detection of pathogens on fruit using electronic nose and IR spectroscopy technology.
10	Richard Stroshine	Indiana	Magnetic resonance detection of water core and internal browning of apples.
11	Renfu Lu	USDA-MI	Nondestructive sensing technologies for assessing internal quality of apples.
12	Gary Hyde	Wash. St.	Impact damage and insect control research at Washington State University. / Insect killing using Microwave energy (Juming Tang).
13	Andre Baritelle	Motorola	Update on Motorola's Precision Farming Program.

*Written report also received from U.C. Davis

New NE-1008 Project:

- Thanks to Paul Heinemann for putting the new project proposal together
- Paul talked about the proposal. Thanks to each station for the contributions.

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Awards for Mark Mount --- for his outstanding contribution to NE-179. A certificate was drafted and all members signed. Steve will print the certificate and present it to Mark.

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Discussion Session:

Focused on NE1008 Project Implementation, including:

1. Proposal writing
2. NE1008 member collaboration to sharing information, equipment, and expertise
3. Seeking and using input from stakeholders—those who will benefit greatly from the project's expected outputs
4. Effective technology transfer to those stakeholders.
 - Fresh-cut Produce Associate will hold a trade show in Florida. NE-1008 will setup a booth to show our research. Send Stan Prussia your materials such as slides, posters, etc. for his development of a poster at the show, which is at the End of Oct, 2003, Roger Rohrbach will send information to us.
 - Stan proposed a survey of sensors about the needs, uses of sensors, and transformation of information to knowledge
 - Steve Goodwin suggested new ideas about industrial liaison to create more impact to the industry and stakeholders.

- Further discussion on how to generate more impact to stakeholders by members:
 - Invite growers, fresh packers, politicians, etc and ask information
 - Through road shows and industrial liaisons.
 - Work with Horticultural Association for inputs
 - ODContact produce marketing association, transport industry, National Food Processor Association NFPA, Apple Association, etc..
- How to get these industrial people and what are we looking for? James Throop talked about Cornell's experience with growers and politicians.
- Web page: NE-1008 <http://www.lgu.umd.edu/printVers.cfm?trackID=1154>

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Elections and new leadership

- Darrell Donahue was elected as the Secretary of 2003-2004
- Renfu Lu was elected as the Member at Large
- Andre Baritelle was elected as the new Industrial Liaison representative.
- Yang Tao, University of Maryland, moves up from current secretary to become Chair for the next meeting.

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Locations of the next meetings (2002-2003 & 2003-2004):

NC State University. Early January, 2004. Preliminary date: Jan. 9-10 -- Friday tour, and Saturday business meeting. Roger Rohrbach will be the host and finalize the date.

Michigan State University. August, 2004. 20Dan Guyer and Renfu Lu will be the host of the meeting.

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