

ETHOS 2018 AGENDA - DRAFT

FRIDAY Evening (Baymont Inn)

- 1:30-3:00pm** **Cookstoves 101 (aka Welcome to the Sector!) session**
- 3:30-5:00pm** **Stoves 101: Biomass Fuels & Stoves for Beginners: Christa Roth, Dale Andreatta, Dean Still, and more!**
- 5:00-7:00pm* *Reception: food, drink, networking*
- 7:00-9:30pm** **Informal Slideshows**

SATURDAY (Northwest University)

- 7:30-8:30am* *Coffee/tea, fruit, pastries, networking (lobby)*
- 8:30-9:00am** **Introduction to ETHOS 2018: ETHOS Board, 2018 Scholarship Recipient Agnes Naluwagga**
- 9:00-10:00am** **Global Alliance for Clean Cookstoves R&D with MIT D-Lab**
- 10:00-11:00am** **Challenges and best practices of running a stoves lab**
- 11:00-11:20am* *Coffee/tea, fruit, pastries, networking (lobby)*
- 11:30-12:30pm** **Classroom sessions, as per below:**

Design/Modeling	Adoption Studies	Sector support tools
Allawatt: Tutorial for using an Open Sourced Simple Heat Transfer Model to Improve Thermal Performance of a Natural Draft Rocket Stove	Hing: Measuring Long-term Adoption of Improved Biomass Cookstoves in Households in Rural India	Roth: Update on CES 2.0, GIZ EnDev's proxy-indicator approach for assessing the quality of a COOKING ENERGY SYSTEM (CES)
Altankhuyag: Looking beyond ideas and values: turning GEC initial model into ready-to-use stove	Piedrahita: Cookstove use patterns in China, Honduras, India, and Uganda, and their potential for connecting with impacts	Barbieri: ENERGYCoP platform: sharing knowledge and collaboration on energy access in humanitarian settings
Lombardi: Cook-STePS: a tool to expand lab tests information by means of thermodynamic simulations	TBD	Rapp: LBNL's Free Video Course on Designing and Building a Cookstove Testing Facility

- 12:30-2:00pm* *Lunch and networking (cafeteria)*
- 2:00-3:00pm** **Plenary: Stoves for the Humanitarian Sector**
- 3:00-3:20pm** **Coffee/tea, veggies, cookies, networking (lobby)**

3:30-4:50pm Classroom sessions, as per below:

Design/TLUDs	Adoption/sensors	Other applications
Anderson: Scale-up of TLUD Stoves with PWG in 2017-18	Lukac: Using data to assess and improve adoption of stoves	Keller/Schwartz: Insulated Solar Electric Cooking: Year III, progress in California and Uganda
Baker: Evolution of the Ring of Fire TLUD	Ventrella: Low power sensor for direct measurement of cookstove and solid fuel use: field trial testing	Gylland: Improved Shea Roaster for Ghana
Winter: A Gasifier Cookstove, "The Akha," was Well-Received in Rural Bangladesh	Wilson: No more iButtons: using Geocene to easily monitor 1 or 1000 cookstoves	Burleson: Evaluation of the InStove Water Purifier Using a Mixed Methods Approach
Adem: Design and manufacturing of injera baking biomass gasifier stove	Lefebvre: Lab and Field Validation of stove usage (EXACT) and PM exposure (HAPEX) sensors	TBD

5:00-6:30pm Facilitated Discussion: USG and other funding; next steps/moving forward for our sector (John Mitchell)

6:30pm on *Dinner on own (but we'll recommend some meet-up locations!)*

SUNDAY (Northwest University)

8:00-9:00am *Coffee, fruit, pastries, networking (lobby)*

9:00-9:30am **One sentence Saturday recap!**

9:30-10:30pm Classroom sessions, as per below:

Design/specific models	Adoption/usability	Finance and training
Andreatta: Practical Stoves-Two Possible Designs	Moses: Understanding and Measuring Cookstove Usability	Derby: Innovative consumer finance for cookstoves (and more)!
Gilmour: The Path to a Better Plancha Stove	Pakravan: Use of behavior surveys to evaluate user decisions regarding cookstove adoption in Honduras and Uganda	Gross: Empowered Entrepreneur Training
Udesen: Taming the Beast: Characterization of Plancha Stove Performance in Rural Guatemala	Filler: Building Better Research Partnerships	TBD

10:30-11:00am *Coffee/tea, fruit, pastries, networking (lobby)*

11:00-12:20pm Classroom sessions, as per below:

Testing	Usability/user practices	Health/clean fuels
Bentson: Using the Aprovecho LEMS as a stove design tool	Turek-Hankins: The Effect of Horizontal Feed Tunnel Length on Stick-Fed Rocket Stove Operation	Johnson: What does clean mean? Tools and approaches for connecting technology performance with impact
Caubel: Parametric Study of Secondary Air Injection to Reduce Particulate Matter Emissions	Peiffer: Tending Practices and Thermal Efficiency for Biomass Cookstoves	Garland: Modeling health outcomes of hypothetical exclusive LPG use in Accra, Ghana
Kohlmann: Effect of Improved Stoves on Wood Consumption, Particulate Matter, and Carbon Monoxide Production	TBD	Thompson: Biogas in Nepal
Still: A Review of Techniques to Reduce PM 2.5	TBD	Delapena: Expanding energy options: Uptake and use of ethanol blend cookstoves in urban Nigeria

12:30-2:00pm Lunch and networking (cafeteria)

2:00-3:00pm Plenary: ISO update

3:00-3:30pm ETHOS Board Summary (lecture hall)

3:30 – 4:00pm Coffee/tea, veggies, cookies (lobby)

3:30 – 5:00pm Lighting of the Stoves! (outside, with s'mores and more!)