



## **Wide Bandgap Devices for Vehicle Applications Workshop**

ORNL Conference Center, 5200, Room 202A and 202B

### **Agenda**

*A workshop to summarize the state-of-the-art, identify challenges, and accelerate the introduction of wide bandgap material based power devices into automotive traction systems.*

<b>Time</b>	<b>Event</b>	<b>Lead</b>
<b>Thursday 15, November 2012</b>		
<b>1:00 p.m.</b> <b>1:15 p.m.</b>	Welcome	Dr. Ron Graves – Director, ORNL Sustainable Transportation Program
<b>1:15 p.m.</b> <b>1:30 p.m.</b>	Workshop Objectives	John Miller/Burak Ozpineci
<b>1:30 p.m.</b> <b>3:00 p.m.</b>	Panel Session – Fabrication Status of WBG	Amit Goyal – ORNL (Moderator) Phil Neudeck – NASA Bunmi Adekori – RamGoss Bob Kaplar – Sandia National Laboratory Nick Sbrockey – Structured Materials Tim Boles – MACOM
<b>3:00 p.m.</b> <b>3:30 p.m.</b>	Break and Networking	
<b>3:30 p.m.</b> <b>4:00 p.m.</b>	Wide Bandgap Device Presentation	Dr. Jerry Hudgins – University of Nebraska, Lincoln
<b>4:00 p.m.</b> <b>4:30 p.m.</b>	Wide Bandgap Systems Presentation	Dr. Chris Mi – University of Michigan, Dearborn

# Oak Ridge National Laboratory



Time	Event	Lead
<b>Friday 16, November 2012</b>		
8:30 a.m. 10:00 a.m.	Panel Session – Devices and Reliability	Jerry Hudgins – UNL (Moderator) Madhu Chinthavali – ORNL Anant Agarwal – CREE Peter Sandvik – GE Karim Boutros – HRL
10:00 a.m. 10:15 a.m.	Break and Networking	
10:15 a.m. 11:45 a.m.	Panel Session – System Applications	Chris Mi – UM (Moderator) Greg Smith – GM Brian Peaslee – Magna Monty Hayes – Delphi
11:45 a.m. 12:00 p.m.	Wrap-up and Adjourn	John Miller/Burak Ozpineci
12:00 p.m. 1:30 p.m.	Lunch	ORNL Cafeteria – lunch will not be provided, please feel free to visit the Cafeteria, located on the ground floor of the Conference Center
1:30 p.m. 2:30 p.m.	Optional NTRC Tour	Burak Ozpineci