

September 2009

In this Issue:

Welcome/Introduction to 2011 iNEMI Roadmap Cycle
Status of 2009 Technical Plan and Research Priorities Documents
Key Attributes Spreadsheet Workshop Successful
PEG Kick-Off at SMTAI in San Diego
Status of Roadmap Leadership Opportunities Update
Preliminary 2011 Roadmap Schedule

Welcome to the 2011 Roadmap Cycle

Welcome to the second newsletter of the 2011 iNEMI Roadmap cycle. This and subsequent monthly newsletters will be dedicated to keeping you informed about the progress of the 2011 iNEMI Roadmap. Please pass this newsletter on to anyone within your technical network who might be interested in participating. More information about the Roadmap Newsletter can be found [here](#).

Recent Activity

2009 iNEMI Technical Plan and Research Priorities Published

We have placed the 2009 Research Priorities and 2009 Technical Plan documents on the iNEMI website, thus completing the 2009 Roadmap cycle. These documents capture the gaps identified in the roadmap. After analyzing the nature of the gaps and categorizing them as tactical and/or strategic, the iNEMI staff, TIGs (Technology Integration Groups) and Technical Committee (TC) members put together a five-year plan for internal iNEMI projects to address the top gaps – in the case of the 2009 iNEMI Technical Plan. This document is available to iNEMI members [here](#).

The iNEMI Research Committee (a subcommittee of the Technical Committee) uses the strategic gaps defined in the roadmap and the iNEMI Technical Plan to develop the iNEMI Research Priorities, a document that is provided to industry, government and academia to help focus research resources on the identified gaps. This document is available [here](#).

Work Started on the 2011 Roadmap

Work has begun on the 2011 Roadmap. We have developed a schedule for TC approval, started arranging the PEG kick-off meetings in October, and are recruiting PEG and TWG leaders as needed. The preliminary schedule for this roadmap cycle can be found [here](#). As you can see we are still finalizing some of the meeting dates and venues. You will notice that we have scheduled some roadmap meetings in connection with other popular industry venues and meetings that may allow participants to justify their travel plans around both.

Upcoming Events

Emulator Working Meeting (September 17, online)

Several PEG and TWG Chairs suggested we hold a working meeting to begin updating emulator spreadsheets leading into the 2011 iNEMI Roadmap emulator kick-off with the Technical Committee on October 9. We held an online working meeting on September 17, from 9:00 a.m. to 4:00 p.m. CDT. This was a chance for PEG and TWG Chairs to discuss potential emulator spreadsheet updates. This work is especially important to the new MEMS TWG as they require MEMS/Sensor related key attributes from each of the PEGs for this cycle. Chuck hosted the WebEx session, and approximately 13 Chairs were able to attend. Numerous proposals for additional parameters and key attributes were made and captured and a summary sent out to all PEG and TWG Chairs for feedback. As soon as responses are received, Chuck will update the spreadsheets with the information and send them out to the PEG Chairs for their use.

2009 Roadmap Overview/2011 Roadmap Preview Presentation (October 6, at SMTAI, San Diego)

Chuck Richardson will be presenting a free, one hour 2009 Roadmap highlights overview along with a 2011 Roadmap preview on Tuesday, October 6 at SMTAI. The presentation will be held in the Royal Palms 5 meeting room from 10:00 am to 11:00 am PDT.

Roadmap Process Information Meeting (October 6, at SMTAI, San Diego)

Chuck Richardson will be holding a roadmap process informational meeting on Tuesday, October 6, 4:00-5:00 p.m. PDT in the Crescent meeting room. This meeting will answer any questions our new or existing PEG or TWG Chairs may have. It is also a good opportunity for anyone who is interested in serving on a PEG/TWG as a Chair or a participant to find out more about the roadmap development process.

PEG Kick-Off (October 9, at SMTAI, San Diego)

The Product Emulator Group kick-off meeting with the iNEMI Technical Committee will be held October 9, 8:00 a.m. to 1:00 p.m. PDT in San Diego. This meeting is being held at the convention center in conjunction with SMTAI, so **please make your hotel reservations as soon as possible and register for SMTAI at the following links:**

<http://www.smta.org/smtai/accommodations.cfm> and
http://www.smta.org/smtai/registration_content.cfm.

We have tried to schedule iNEMI meetings so that you can also attend most of the SMTAI conference sessions. There will be a get-together on the evening of October 8 for iNEMI TC members and PEG/TWG Chairs at 6:30 pm at Kelly's Steakhouse. Please register for the iNEMI hosted meetings at the following link: <http://www.inemi.org/register.php?id=100>
The preliminary agenda for the Technical Committee/PEG/TWG emulator review on Friday, October 9, is as follows:

Time (PDT)	Topic	Discussion Leader
7:30 am	Breakfast	
8:00 am	Introduction and Review of Agenda	Bob Pfahl
8:10 am	2011 PEG Review Introduction	Chuck Richardson
8:20 am	Automotive PEG Review Discussion	Spall / Bender
8:55 am	Office/Large Business PEG Review Discussion	Lober / Aghazadeh
9:30 am	Break	
9:40 am	Network, Datacom, Telecom PEG Review	Duffy / Xue
10:15 am	Medical PEG Review Discussion	Primavera / Subrahmanyam
10:50 am	Consumer/Portable PEG Review Discussion	Shahidzadeh / Roesch
11:25 am	Aerospace & Defense	TBD / Gieskes
12:00 pm	ITRS/iNEMI Coordination	Juan-Antonio Carballo
12:20 pm	Lunch	

The main item of business at this meeting will be to review the status of the PEG input for the 2011 Roadmap cycle. The format is to have a 20-minute presentation by the PEG Chair followed by a 15-minute discussion led by a TC discussion leader. The assigned TC discussion leader should review the PEG's material and presentation prior to the meeting. Chuck will be providing presentation templates for use by the PEG Chairs and TC members so that the presentations can be consistent. There will be a call-in number and a WebEx session for presenters who are not able to attend in person. Access information will be sent out via "Outlook" and email. Juan-Antonio Carballo (IBM) will again be invited to attend to discuss the status of the ITRS/iNEMI Roadmap coordination from his Design ITWG perspective.

Get Involved

We are continuing to recruit for leadership openings. We are presently requesting applicants for Chairs and Co-chairs of the Netcom PEG, Energy Storage & Conversion Systems TWG, Environmentally Conscious Electronics TWG and co-chairs for several others. If you have been thinking about serving the industry as a roadmap PEG or TWG Chair, please contact Chuck Richardson and he will work with you to decide if this is the cycle to get involved. ***iNEMI membership is not required to participate in roadmap development.*** In fact, the more diversified the representatives working on the roadmap, the broader the reach and the more valuable to the industry. With the wide range of technology categories, it should be easy to find one that stirs your interest and calls you to participate.

The iNEMI Roadmap has become recognized as an important tool for defining the "state of the art" in the electronics industry as well as identifying emerging and disruptive technologies. It also includes keys to developing future iNEMI projects and setting industry R&D priorities over the next 10 years.

With the "globalization" of the iNEMI Roadmap, each "edition" of the roadmap should become even more important as a tool for identifying technology gaps and possible solutions for an increasingly global industry. If you would like to be involved with the 2011 iNEMI Roadmap team, or be added to the mailing list of this monthly newsletter, please contact Chuck Richardson at Chuck.Richardson@inemi.org.