

## Montana Section News

### December, 2006 Chair's Message

#### Doug Galarus

Merry Christmas! Well, almost ... It's already December and soon we'll be bringing a close to 2006. This has been a busy and rewarding year for me, and it has certainly been my pleasure to serve as Section Chair. Richard Wolff will be taking over Chair duties in January and I know he will serve you well in 2007.

One of my favorite activities from this year has just wrapped up, but it's an activity that will live on beyond 2006. Our section was awarded a PACE grant from IEEE to investigate and plan for K-12 outreach activities to promote science and engineering. Thanks to the help of our Life Members, we surveyed 13 science and math teachers at 4 middle schools in the Bozeman area, to determine the best programs and venues for IEEE members to work with teachers and students. While the suggestions and needs varied, there was a unanimous positive response, and we will certainly be doing work in the schools in 2007.

To start this effort, we used PACE grant funds to buy two Lego Mindstorms NXT kits, one each for the two student branches in our section, for use in K-12 outreach efforts. The picture below shows Damon Piocos, a student from MSU Northern, with one of these kits. To my surprise, Damon told me that he had already begun writing lesson plans for K-12 outreach using Lego Mindstorms prior to learning of this award. I'm confident that Damon and the other IEEE students at Northern will make excellent use of their kit, as will the IEEE student branch at MSU Bozeman, who also received on Lego kit. I'm appreciative to both of these groups for their enthusiasm on this project.



## Look Who's on TV!

Have you heard about IEEE TV? IEEE recently began publishing video to the Internet called IEEE TV. Take a look for yourself at the following address:

<http://www.ieee.org/web/membership/IEEEtv/about.html>

Take a close look and you might see a familiar face: Carl Selinger, our M-PAC speaker from October, is featured on IEEE TV in a "meet the author" segment.

## New Membership Class

Did you know that IEEE has created a membership class – Graduate Student Member? Check it out at [ieee.org](http://ieee.org) and let your graduate student friends know that they may be eligible.

## December Section Meeting

**Tuesday, December 12, 2006, 6:30 PM**

@ Western Transportation Institute Conference Room in the old VLC Building

### Arlyn Selting

Treasurer, Montana Section IEEE  
Life Member, IEEE

**"Manufacturing Wars – How and Why America Lost a Dominant Position in Global Manufacturing."**

## Life Member Meeting

If you're a Life Member, join the group at 6:00 p.m. just before the Section meeting on the 12<sup>th</sup>.

## Section Officers

Chair	Doug Galarus	<a href="mailto:DougGalarus@ieee.org">DougGalarus@ieee.org</a>	994-5268
Chair-elect	Richard Wolff	<a href="mailto:rwolff@ece.montana.edu">rwolff@ece.montana.edu</a>	994-7172
Secretary	Jason Daughenbaugh	<a href="mailto:jasond@ieee.org">jasond@ieee.org</a>	585-8892 x15
Treasurer	Arlyn Selting	<a href="mailto:arlyn@ieee.org">arlyn@ieee.org</a>	522-8118
GOLD Chair	Calvin Coopmans	<a href="mailto:Coopmans@gmail.com">Coopmans@gmail.com</a>	
Webmaster & Membership Development	Jon Koon	<a href="mailto:Jon.koon@advanced.pro">Jon.koon@advanced.pro</a>	585-8892 x13
MSU Student Branch Advisor	Rob Maher	<a href="mailto:rmaher@ee.montana.edu">rmaher@ee.montana.edu</a>	994-7759
SM Nominating Committee Chair	Don Pierre	<a href="mailto:Pierre_Don@ieee.org">Pierre_Don@ieee.org</a>	587-4065
Moose Call Editor & LM Group Chair	Bill Jameson	<a href="mailto:b.jameson@ieee.org">b.jameson@ieee.org</a>	586-0280

# IEEE

## December Montana Section Meeting

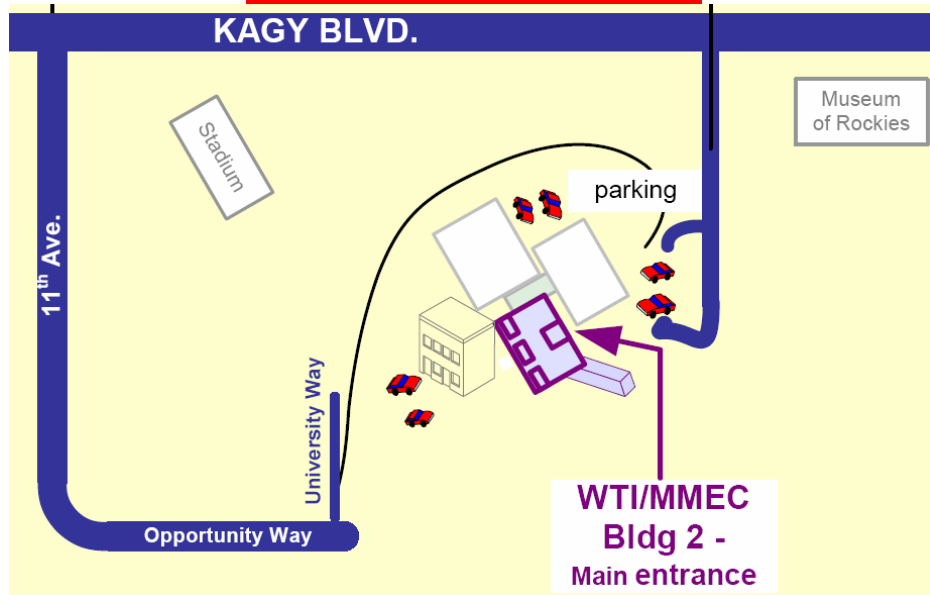
**Arlyn Selting**  
**Treasurer, Montana Section IEEE**  
**Life Member, IEEE**

### **MANUFACTURING WARS: HOW AND WHY AMERICA LOST A DOMINANT POSITION IN GLOBAL MANUFACTURING**

*Asia's post war strategic analysis and redesign of the American production model incorporated concepts developed in America (concepts rejected by U.S. industry, but embraced by Asia). An "insiders" overview of how and why Asian practice/theory, differed significantly from US systems and the US manufacturing industry's reaction to the challenge.*

Arlyn Selting, is a graduate of the University of Nebraska (BSEE). His 30 year engineering career included work on the first Cray designed Super Computer, reliability engineering on complex computer systems/components, design/build/management teamwork on multinational manufacturing plants in Mexico and Europe, joint ventures w/Asian multinational manufacturing organizations and senior management/technical advisor positions related to "Lean Manufacturing" (Toyota Production System). Arlyn is the current Treasurer of the Montana IEEE Section.

**Tuesday, December 12, 6:30 p.m., at WTI Conference Room**  
**In the Old VLC Building**



*Life Member Affinity Group meeting at 6:00 p.m.*

**Free pizza & pop**

Please call Doug Galarus at 994-5268 (or e-mail: [DGalarus@coe.montana.edu](mailto:DGalarus@coe.montana.edu)) or sign up via the Section website <http://ewh.ieee.org/r6/montana> , to make reservations by noon, December 11.