

## Minnesota Federation of Engineering, Science, and Technology Societies (MFESTS)



### 2012 Annual Report

This report describes the activities of MFESTS from January 1, 2011 thru December 31, 2012.

The mission of MFESTS is to provide service to our member societies, to provide service to the citizens of the state of Minnesota, and to provide service to professionals in engineering related careers. This was accomplished through communication at meetings and through the MFESTS website, granting awards for professional achievement, and partnering with other organizations for education outreach and joint cooperative events.

#### 2012 Notable Highlights:

##### Youth - Outreach

- Judged and awarded the 8<sup>th</sup> annual MFESTS “Engineering Excellence” Special Award at the Minnesota Future Cities Regional Competition held Saturday, January 14, 2012 at the University of Minnesota EE/CSCI building. This year’s award went to Dakota Hills Middle School (Eagan, MN) for their city of Plexia. Very nice Gift bags were provided to the team members, and MFESTS again contributed financially as a non-profit Bronze Sponsor. Judges were; Cory Grabinger (HEC), Mark Feitel (INCOSE), Harry Schroeder (SME) and his college son and Kurt Nordstrom (ISA).
- MFESTS again had a large participation at the annual E-week TechFest event held on Saturday, February 25<sup>th</sup>, 2012 at The Works Museum’s new location in Bloomington, MN. Over 25 MFESTS volunteers and volunteers from numerous other organizations supported the event with 1,500 people attending.
- MFESTS provided 2 Silent Auction baskets at the E-week annual Awards & Recognition Banquet held Friday, February 24, 2012 at the Nicollet Island Pavilion. Proceeds benefit Youth Tech Programs, and the donations helped surpass the fundraising goal by a large margin.
- Made a financial contribution to the MathCounts Program

##### Cross- Society Joint Interaction

- Held the 3<sup>rd</sup> annual joint SWE-MN/MFESTS family friendly picnic on Thursday, June 14<sup>th</sup>, 2012 at Central Park in Roseville. We again had questionable weather (3<sup>rd</sup> straight year!), but it was well received and people enjoyed it.
- The 2<sup>nd</sup> annual MFESTS Society Summer Program Planners meeting was held on Wednesday, July 18<sup>th</sup>, 2012 at Care Fusion in Plymouth, MN. Seventeen people attended, with 10 societies represented. This year’s program was Technical Communication for Technical Societies presented by Bill Hodena, IT Professional. Information and summaries were distributed to all.

- Promoted MFESTS Societies with MFESTS-staffed table of information at the Twin Cities ISA TechFair Tabletop Show at the Holiday Inn East, St. Paul, MN on Thursday, March 8<sup>th</sup>, 2012.
- Four Quarterly Board of Directors Meetings were held and four Executive Committee meetings were held.
- Cross – society events were and are posted on the [www.MFESTS.org](http://www.MFESTS.org) website calendar. We are just coming up to speed on new website, but we will gain steam, and RSS feeds are now available to start some automatic linking.

### **MFESTS Website**

The MFESTS website, [www.MFESTS.org](http://www.MFESTS.org) was totally redesigned as a new Content Managed website. It has RSS feeds with links so society events can be listed and automatically linked to other websites. We are just getting used to it, but it is a great leap forward and provides a platform for the future. Thanks very much to our webmaster , Jim Mosner, for his countless unpaid hours spent upgrading the site – perhaps after taking some inspiration from the Summer Program Planner’s Meeting.

### **Awards and Recognition**

Judged and presented the following MFESTS awards at 48<sup>th</sup> annual Engineers Week Awards and Recognition banquet held at the Nicollet Island Pavilion, on Friday evening February 24th, 2012.

- Six MFESTS Charles W. Britzius Distinguished Engineer Awards:

| <b>Awardees</b>             | <b>Nominating Society</b>   |
|-----------------------------|---|
| Eileen Arnold PMP, ESEP-Acq | <i>International Council On Systems Engineering (INCOSE)</i>      |
| Prof. John Gulliver         | <i>American Society of Civil Engineers (ASCE)</i>                 |
| Prof. Mostafa Kaveh         | <i>Institute of Electrical &amp; Electronics Engineers (IEEE)</i> |
| Larry Kirchner, P.E.        | <i>American Society of Mechanical Engineers (ASME)</i>            |
| Dennis Martenson, P.E.      | <i>American Society of Civil Engineers (ASCE)</i>                 |
| Jeff Shopek, P.E.           | <i>Minnesota Society of Professional Engineers (MnSPE)</i>        |

- One MFESTS Richard Alberg Distinguished Science and Technology Professional Award:

| <b>Awardee</b> | <b>Nominating Society</b>                                    |
|----------------|--|
| Neill Radke    | <i>International Council On Systems Engineering (INCOSE)</i> |

- One MFESTS Young Science and Technology Professional Award:

| <b>Awardee</b> | <b>Nominating Society</b>                          |
|----------------|--|
| Xiaohong Zhang | <i>Chinese Information Storage Society (CIASS)</i> |

- There were six nominees for MFESTS Young Engineer of the Year. They are listed below along with their nominating societies. Each nominee was recognized at the banquet and the overall winner was announced. Jennifer Lowry, PE was selected by a panel of judges to be the 2012 Young Engineer of the Year.

| <b>Nominee</b>                 | <b>Nominating Society</b>                                     |
|--------------------------------|---|
| Jennifer Lowry, P.E.           | <i>The Minnesota Society of Professional Engineers (MSPE)</i> |
| Jennifer Olsen                 | <i>American Society of Mechanical Engineers (ASME)</i>        |
| Andrew Frenz                   | <i>International Council On Systems Engineering (INCOSE)</i>  |
| Jane Flewellen                 | <i>Society of American Military Engineers (SAME)</i>          |
| Nicole Danielson-Bartelt, P.E. | <i>Society of Women Engineers (SWE)</i>                       |
| James Panko, P.E.              | <i>American Society of Civil Engineers (ASCE)</i>             |

All current year and past year's award winners are listed on the MFESTS website.

**Executive Committee 2012-2013:**

The next election of officers will occur in the fall of 2013.

**MFESTS Executive Committee 2012-2013**

| <b><u>Office</u></b>           | <b><u>Name</u></b> | <b><u>Society</u></b> |
|--------------------------------|--------------------|-----------------------|
| President                      | Dan Peterson       | MnSPE                 |
| 1 <sup>st</sup> Vice President | Steve Merriman     | IEEE                  |
| 2 <sup>nd</sup> Vice President | Cory Grabinger     | HEC                   |
| 3 <sup>rd</sup> Vice President | Rick Heinecke      | ASME                  |
| Treasurer                      | Jim Mosner         | SAME                  |
| Secretary                      | Bruce Tranquist    | MGEC                  |

Respectfully Submitted by:

Dan Peterson, P.E. (MnSPE)  
MFESTS President, 2012-2013