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The Puget Sound Chapter of AESS presents
**Systems Engineering—
Process and Practice**

Dr Mahantesh Hiremath—Specialty Manager, Space Systems Loral (SSL)
6:00-7:00pm, Monday, September 28, 2009

In today's competitive world, the success of a product depends on its performance, reliability, speed to market, and price. Electronics and electronic components keep getting smaller, denser, and more complex. Given enough time and money, it would be possible to meet all of these goals by trial and error, fixing problems as they arise. In the real world, however, there's never that much time or money. Fixing problems is always more expensive than heading them off before they occur, and delays in getting a product to market can be costly beyond measure.



Is there a process out there that can address these complexities and provide a safe, reliable methodology to get the product right the first time? Indeed, Systems Engineering (SE) proves to be the key to develop right requirements and specifications, flow them down to the component level, design and build the systems or the products, and test and verify their performance and validate their usage to ultimately meet its mission.



To attend this virtual meeting, **please RSVP no later than 27 September 2009** to
Reece Lumsden at reece.h.lumsden@boeing.com

Speaker Bio: Dr Mahantesh Hiremath has been practicing Systems Engineering for over 15 years. He has a Ph.D. in Structural Dynamics from the Ohio State University and Certificate in Systems Engineering from Stanford University. He is currently Specialty Manager at the Space Systems Loral, Palo Alto, CA. He has extensive industry experience in Spacecraft design/engineering/manufacturing and Product Development. Dr. Hiremath is also the Leader (Vice-President) of the ASME's District D, comprising of the six western states including Alaska. He is Associate member of AIAA and INCOSE. He is an avid reader of sports and politics; his other hobbies include long-distance running, gardening and cooking from his wife's cookbook, *The Dance of Spices*. He has been an Invited Speaker at the ASME sponsored Professional Development seminars on topics that include Systems Engineering, Spacecraft Design and Engineering and Finite Element Analysis

