



**IEEE Computer and Communications Society
Maine chapter**

is proud to announce the following presentation:

Speaker: *Mirela Marku*

Topic: Wireless Services Infrastructure- Designing for the future

Place: Fairchild Semiconductors, So. Portland

Date: Sep 16, 2009

Time: 5-7PM

**Mirela Marku is the Engineering Director at
General Dynamics Wireless Services, Fairfax , Virginia**

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Abstract:

Rapid Changes Affect Tower Owners in a Variety of Ways. Some of the discussion topics will include:

- LTE requirements and how the “new overlay” will vary for different carriers.
- WiMAX requirements and implementation challenges.
- Designing for the future. Will carriers demand more space? On what cost?
- Ways to build/modify a “future proof” tower.
- Where to build? Is a new tower always the answer?

Bio: Mirela Marku is the Engineering Director at General Dynamics Wireless Services. In her current position she manages RF Engineering Department through the various aspect of the implementation life cycle for design and optimization of wireless networks. Prior to joining General Dynamics Mirela worked as a technical consultant for several US and European wireless carriers. Mirela was a founding member of several technology start ups in the US and Europe focusing in wireless security software. She was the member of the research team at Center for Wireless Information Network Studies at WPI. Mirela holds an MBA from MIT Sloan School of Management. She received her MS and BS degree in Electrical Engineering from Polytechnic University of Tirana, Albania.