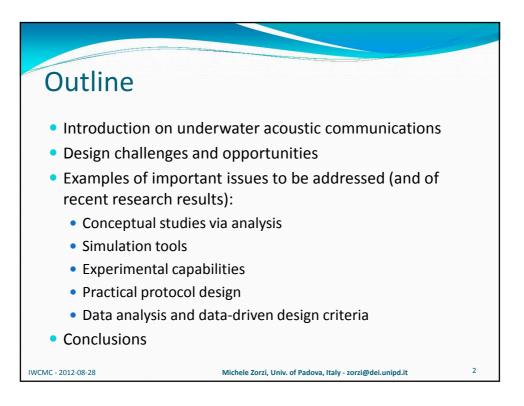
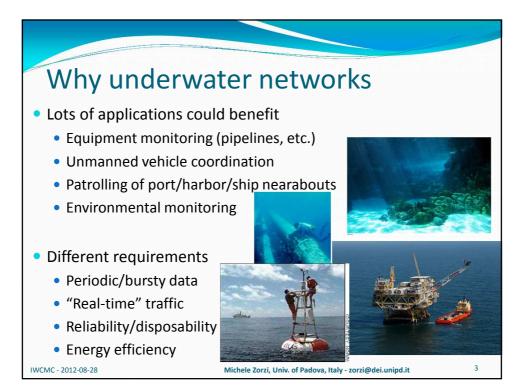
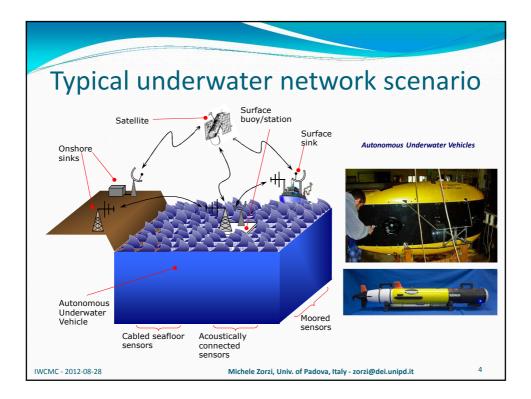
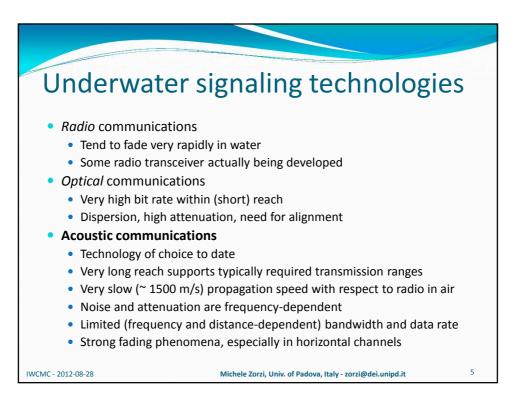


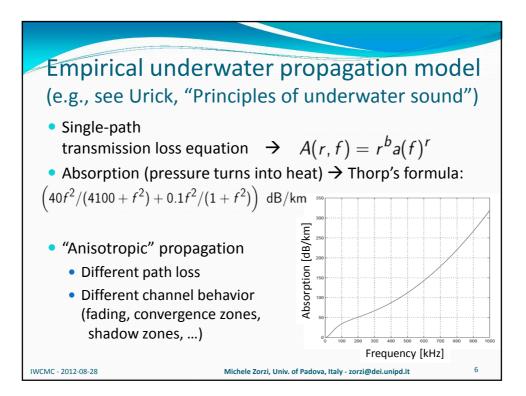
IWCMC 2012, Limassol, Cyprus, Aug. 27-31 2012

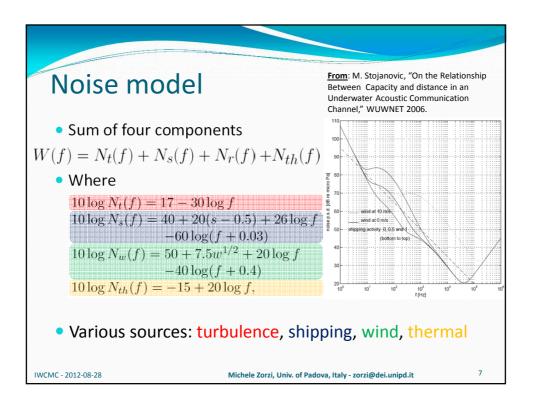


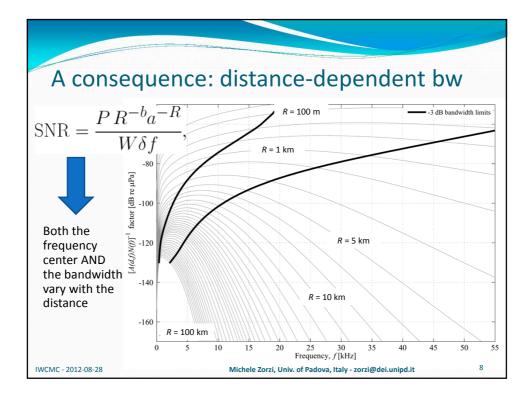


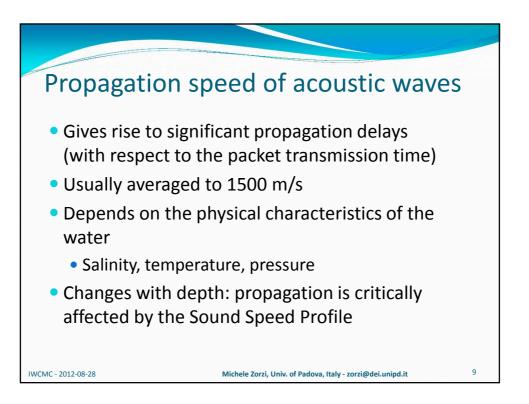


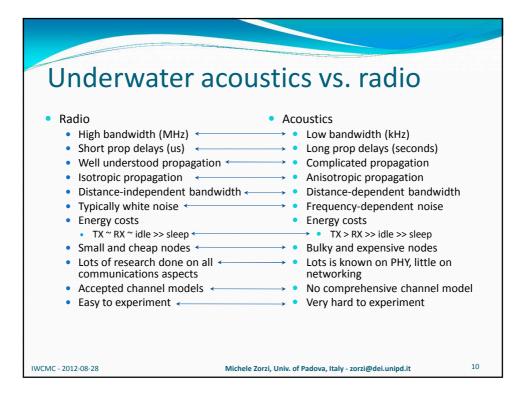


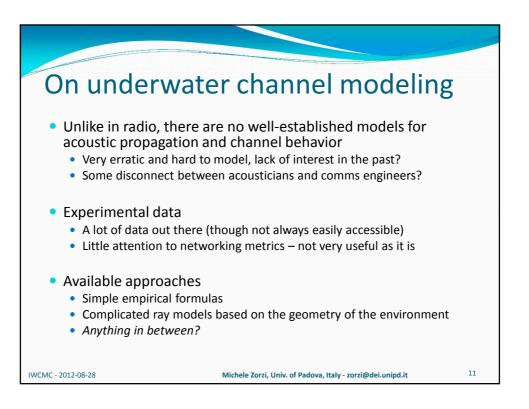


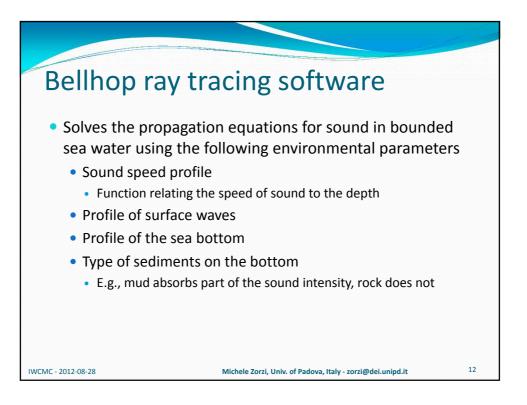


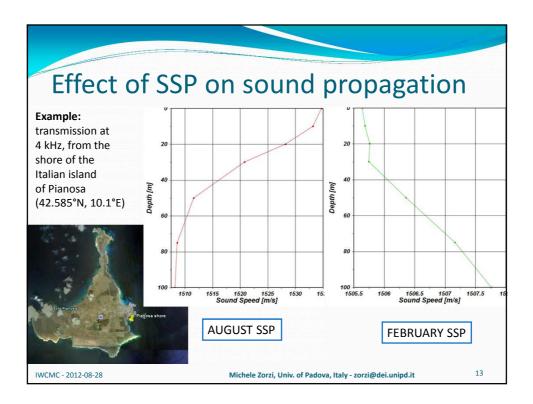


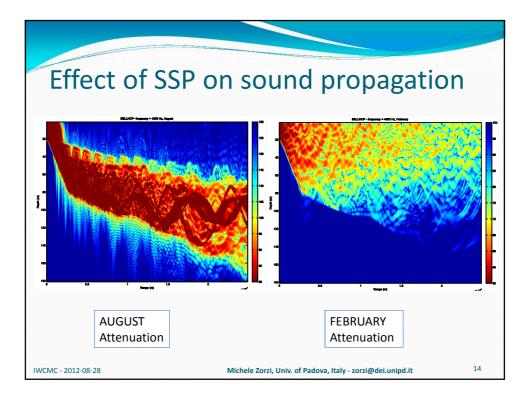


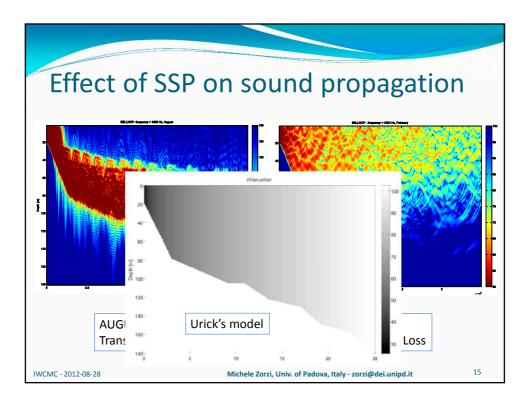


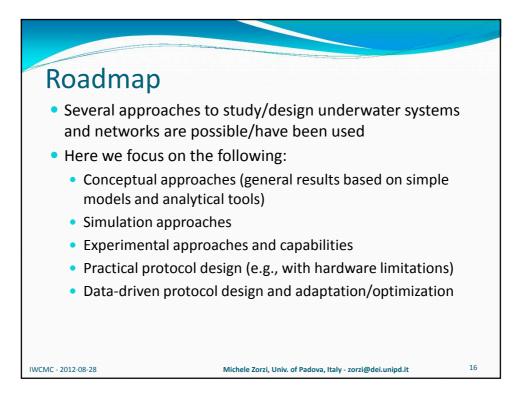


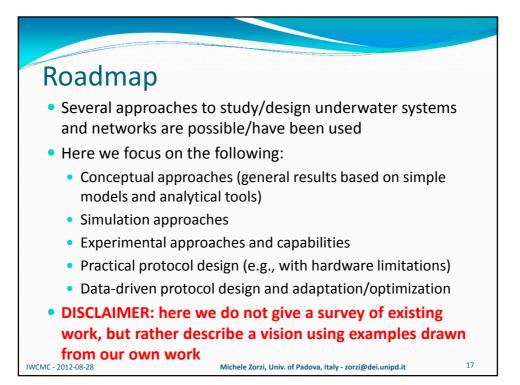


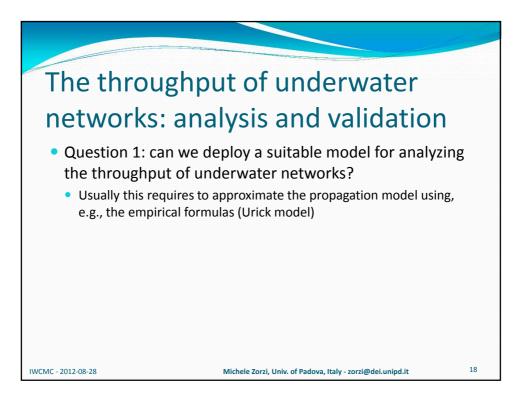


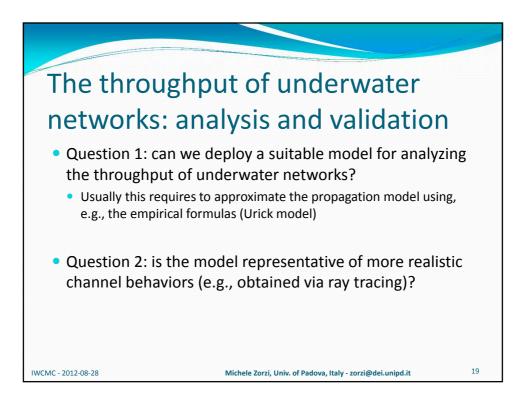


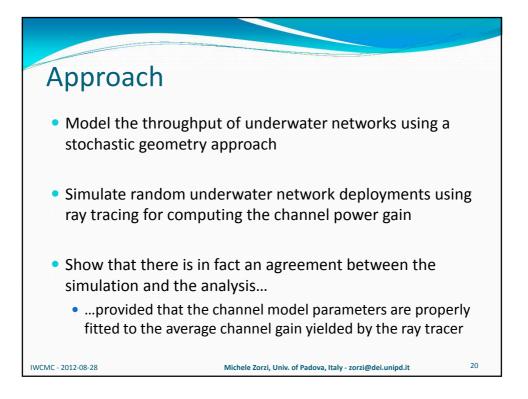


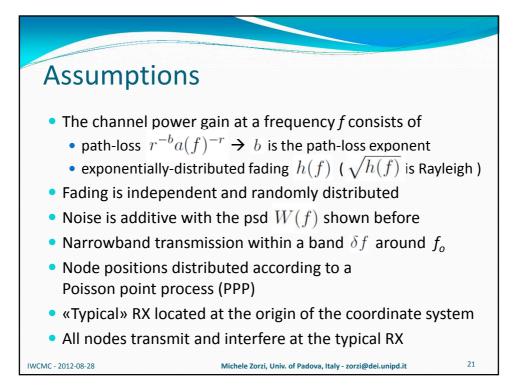


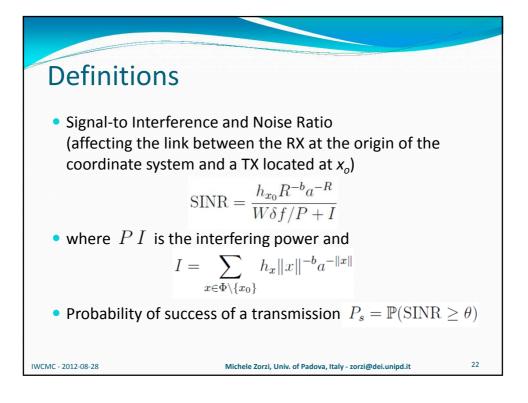


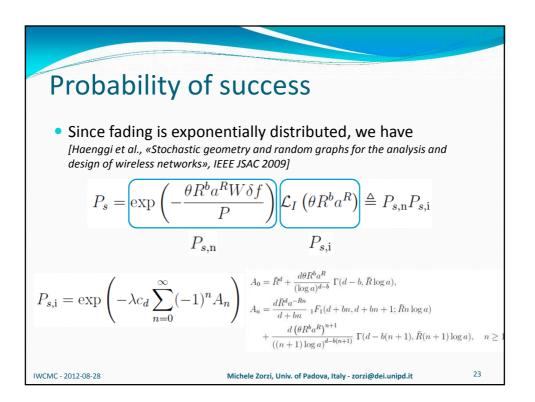












Network metrics• Throughput density
$$\rightarrow \tau(\lambda) = \lambda \exp\left(-\lambda V_d - \frac{\theta R^b a^R W \delta f}{P}\right)$$
• Opt. throughput density $\rightarrow \tau_o = \frac{1}{V_d} \exp\left(-\frac{\theta R^b a^R W \delta f}{P} - 1\right)$ • Transmission capacity $c_{\varepsilon} = \max\left\{\frac{1-\varepsilon}{V_d}\left(-\log(1-\varepsilon) - \frac{\theta R^b a^R W \delta f}{P}\right), 0\right\}$ • Maximum radius for supporting a transmission capacity c_{ε} $R_{\max,\varepsilon} = \frac{b}{\log a} \mathcal{W}\left(\frac{\log a}{b}\left(-\frac{P\log(1-\varepsilon)}{\theta W \delta f}\right)^{1/b}\right)$

