

# Multidisciplinary Simulation, Estimation, and Assimilation Systems Seminar Series

**Dr. Steve Ramp**

**President and CEO**

**SOLITON Ocean Services, Inc.**

## *Observations of the Mesoscale Variability in the Western Philippine Sea*

**Biography:** Dr. Steve Ramp received his M.S. and Ph.D. in Physical Oceanography from the University of Washington and the University of Rhode Island, respectively. His career began in Fisheries Oceanography at the NMFS Northeast Fisheries Science Center in Woods Hole, MA, followed by a long stint with the Navy as a Professor at the Naval Postgraduate School in Monterey, CA and as a Program Manager at the Office of Naval Research in Washington, D.C. Most recently, Dr. Ramp was the founding Director of the Central and Northern California Ocean Observing System (CeNCOOS). A sea-going scientist by trade, Dr. Ramp has been to sea on over 80 research expeditions all over the world, serving as Chief Scientist about half the time.

**Friday, Oct. 3, 2014**

**2:00PM; Rm. 5-234**

Massachusetts Institute of Technology  
77 Massachusetts Avenue  
Cambridge, MA 02139

Host: Pierre F.J. Lermusiaux

<http://mseas.mit.edu>

0.62  
0.41  
0.21  
min 2.

$\frac{\partial \phi_i}{\partial t} + \mathbf{u} \cdot \nabla$

Chl.  
Fcst.

latitude (°N)  
20  
15

h (dB)

ivers  
(A)

loss)

40

Meas  
Model

Assimilation

Errors

Adap  
Mode

led Estimates

Stoch. Coe

Stoch. Coef. 4

Temp.  
Fcst.

