Oceanography Seminar

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"Towards 4 Dimensional (Eco) Systems Biology in the

Sea s are now providing deeper of microbial taxa, genes, and metabolic diversity larger challenges remaining is defining the varia processes on different spatial and temporal scales to be better addressed include: How do activities course of minutes, hours, days and weeks? Over coherently predictable? How does variation corresponding environmental variation, and th robotic sampling strategies that capture transcripmicrobial populations, have potential provide a fo gene expression dynamics, that can begin to addr approaches show that individual coexisting euka display remarkably similar, time-variable patter extended periods of time. Furthermore these patt genetically related populations that span the Pa specific environmental cues may elicit cross-spec Thursdaydive Seep treninctoeloially groups, 3t batpprotent lasty each ble r

These data are leading to specific, testable hyp

matter and energy exchange may influence the