

ECOSYSTEM STUDIES: *summary and lookout*

Prof. Dennis Baldocchi

On **8th July 2014** at **9:00 am** in a large meeting room and on **9th July 2014** at **9:00 am**
of **Global Change Research Centre AS CR, v. v. i.**; Brno, Bělidla 986/4a

Dennis Baldocchi is professor of biometeorology and head of biometeorology laboratory at University of California, Berkeley, USA. He is also a project coordinator of eddy covariance tower network FLUXNET and expert in the field of biometeorology, ecosystem ecology, matter and energy exchange between biosphere and atmosphere and in the modeling of biological, physical and chemical processes. He is an autor of more than 200 peer reviewed scientific publications with more than 19000 citations. He has been involved in the problems associated with:

- 1) the carbon, water, and nitrogen cycles;
- 2) the prediction of weather and climate
- 3) the chemical state of the atmosphere
- 4) the structure, function and dynamics of ecosystems.

Dennis's group is well known for its interdisciplinary approach to the studies of complex systems and their features in broad ranges of temporal and spatial scales.