

Synthesis	Organizer/Presenter	Topic
Ecosystem & Hydrology	Susan Trumbore	Tuesday 16 September
11:15-11:27	Florian Wittmann	Responses of trees to hydrological climate change in the ATTO footprint region
11:30-11:42	Bruce Nelson	Phenology
11:45-11:57	Luciano Emmert	INVENTA/ATTO: accessing vegetation structure and dynamics across different scales
12:00-12:12	Gerd Gleixner	Ecosystem functioning at ATTO elaborated from dissolved organic matter and microorganisms
12:15-12:27	Didier Gastmans (Shujiro Komiya)	Hydrology
GHG & VOCs	Santiago Botía & Eliane Gomes Alves	Tuesday 16 September
15:00-15:12	Hella van Asperen	ATTO GHG concentration measurements over 13 years
15:15-15:25	Sam Jones	GHG- Soils
15:25-15:37	Carlos Sierra	The transit time distribution of carbon in tropical forests
15:40-15:52	Santiago Botía	Using GHG measurements to disentangle local and regional ecosystem signals
15:55-16:07	Eliane Gomes Alves	Tracking BVOC fluxes in the soil-plant-atmosphere continuum to decode ecosystem stress responses in Amazonia
16:10-16:22	Achim Edtbauer	VOCs
Modeling	Philipp Papastefanou	Wednesday 17 September
9:45-9:55	Sönke Zahele	Process based modelling at ATTO at the MPI-BGC: an overview
9:55-10:05	Phillip Papastefanou	First insights from bottom up modelling
10:05-10:15	Manon Sabot - Sönke Zaehle	TBD
10:15-10:25	Cathy Hohenegger	Global simulation of the carbon cycle at km scale
10:25-10:35	Santiago Botía	CH ₄ and CO ₂ budgets in tropical South America
10:35-10:45	Luciana Rizzo	Projecting climate change impacts on biogenic fluxes of CO ₂ and CH ₄ in Central Amazonia: Insights from dynamic downscaling
Micromet measurements, Atmospheric boundary layer and Turbulence	Cléo Quaresma	Wednesday 17 September
11:15 - 11:27	Rachel Albrecht	Campina
11:30 - 11:42	Otavio Acevedo (Maurício Ilha)	On the Impacts of Clouds and Cold Pools on Forest-Atmosphere Scalar Transfers
11:45 - 11:57	Nelson Dias	Challenges in making turbulent fluxes measurements and models at the ATTO towers spatially representativ
12:00 - 12:12	Gilberto Fisch	TBD
12:15 - 12:27	Cleo Quaresma	ATTO tower: Advancing our understanding of forest-atmosphere exchanges

Aerosols and Cloud Formation	Bettina Weber & Luiz Machado	Wednesday 17 September
15:00-15:12	Bettina Weber (Christopher Pöhlker)	Biogenic aerosols
15:15-15:27	Steffi Hildmann	Aerosol chemistry
15:30-15:42	Luiz Machado	Trace gases, aerosols and weather events
15:45-15:57	Micaele A. Ceccini	Aerosol-cloud interaction
Management & Outreach	Viviana Horna	Thursday 18 September
9:00-9:12	Susan Trumbore, Viviana Horna	Project management & code of conduct
09:15-9:27	Juliana Menger & Marcus Guderle	ATTO Research Data Management
9:30-9:42	Aline Radaelli	ATTO School activities: connecting scientific and local knowledge about climate