

Online Poster Session, Tuesday 4th of October 11:00 to 12:00

	First Name	Last Name	Title of the presentation
1	Carla	Souza	Climatologia da Altura da Camada Limite Atmosférica na Amazônia Central
2	José Antonio	Mantovani Júnior	Assessing the performance of PBL parameterization schemes in the central Amazon basin during GoAmazon2014/5.
3	Flávio	D'Oliveira	Effects of river breezes on gas transport in the central Amazon
4	Wout	Blankenstijn	Inferred methane fluxes at ATTO using radon as tracer gas.
5	Débora	Pinheiro de Oliveira	Screening of volatile organic compound emissions from soil and litter in white sand forest in the Amazon rainforest
6	Murielli	Garcia Caetano	Biogenic volatile organic compound (BVOC) emissions from decomposing leaf-litter in central Amazonia
7	Jordi	Vila	Overview CloudRoots field campaign August 2022 and future plans
8	Gilmar Henrique	Santana da Silva	Linhas de Instabilidade na região amazônica e o transporte de gases próximo à superfície durante a ocorrência de dowdrafts
9	Nora	Zannoni	Investigating the atmospheric impact of sesquiterpenes emitted from the Amazon rainforest
10	Giovanni	Pugliese	Online soil VOC fluxes at the ATTO tower in the Amazon rainforest: set-up and preliminary results
11	Bettina	Weber	Biosphere-atmosphere interactions of cryptogamic communities at the ATTO and their relevance across spatial scales
12	Marcus	Guderle	

In-person poster sessions**Session 1: Ecosystem processes, Tuesday 4th of October 13:30 to 15:00**

	First Name	Last Name	Title of the presentation
1	Daniel	Magnabosco Marra	Forest attributes across an extent topographic gradient at ATTO
2	Yanara	Ferreira	Revisão bibliográfica: vulnerabilidade das florestas amazônicas a tempestades de ventos, sistemas de circulação de ar sobre a Bacia Amazônica e interação vento- árvore no comportamento mecânico nesse bioma
3	Luciano	Emmert	Sensibility of optical satellites on the detection of windthrow tree-mortality in a Central Amazon forest
4	Adriana	Peixoto	Saturation of pixels in recently flushed crowns under different light conditions using DJI P4P Drone cam
5	Caroline	Lorenci Mallmann	The use of hyperspectral remote sensing at leaf and canopy level in a drought gradient in the Amazon
6	Gerd	Gleixner	Molecular signatures of dissolved organic matter unravel ecosystem processes
7	Dan Frederik	Lange	Dissolved organic matter cycling in soils of different Amazon rainforest ecosystems
8	Jessica	Finck	The enigma of microbial community composition and functioning in different Amazon rainforest ecosystems
9	Hilana	Hadlich	Variação de caracteres funcionais e o reconhecimento de espécies arbóreas em diferentes habitats da Amazônia Central
10	Flavia	Durgante	What source of water do trees use in different types of forest in Amazonia?
11	Gisele	Biem Mori	Vulnerability of Amazonian tree species to hydrological changes in different forest habitats
12	Kalvy Wesly	Costeira Silva	Avaliação da influência do clima no crescimento diamétrico de duas espécies arbóreas com padrões fenológicos distintos em floresta de terra firme na Amazônia Central
13	Priscila	Amaral de Sá	Trees diameter increment of two functional groups at ATTO site
14	Ingrid	Chanca	Mean transit time of carbon estimated through $^{14}\text{CO}_2$ measurements in a vertical profile in the central Amazon

15 Sant Cler Andrade Traços funcionais de epífitas vasculares em diferentes fitofisionomias de uma campinarana amazônica

Session 2: GHG and VOCs, Tuesday 4th of October 15:30 to 16:30

	First Name	Last Name	Title of the presentation
1	Oscar	Vega-Bustillos	VOCs Fluxes in ATTO site
2	Eliane	Gomes Alves	VOC emissions from Amazon forests: an integrative approach from soil to atmosphere
3	Michelle	Robin	Plant traits and chemical diversity of tropical trees in the central Amazon forest
4	Caroline	Ostermann	Comparison between REA with cartridges and REA-GC-PID used for long-term BVOCs fluxes measurements in tropical forests
5	Oscar	Vega Bustillos	Biogenic VOCs fluxes by Relaxed Eddy Accumulation - REA
6	Sylvia	Mota de Oliveira	Biodiversity in the atmosphere
7	Hella	van Asperen	Continuous greenhouse gas measurement at ATTO
8	Sam	Jones	Soil, water and tree stem GHG fluxes a Terra Firme valley
9	Santiago	Botía	Tree stem and water GHG fluxes on the Uatuma river and its floodplains
10	Itiara Mayra	Barbosa de Albuquerque	Adequacy assessment of CO ₂ and CH ₄ satellite measurements for Central Amazonia using concentrations recorded at ATTO site
11	Paulo Sergio	Cardoso da Silva	Radon measurement in Amazon soil exhalation
12	Bruno	Tappiz	Assessment of ²³⁸ U activity concentration in soil samples collected along the ATTO site.

Session 3: Physical climate and hidrology, Wednesday 5th of October 11:00 to 12:30

	First Name	Last Name	Title of the presentation
1	Daiane	Brondani	Topography-induced spatial variability of the Atmospheric flow over the ATTO site
2	Raíssa	Soares de Oliveira	A Influência da Topografia no Escoamento Turbulento entre a Floresta Amazônica Central e a Atmosfefa
3	Norma	Costa	Simulação do Escoamento Turbulento na Camada Limite Noturna Amazônica
4	Valmier	Barbosa de Souza	Análise da influência da topografia do terreno na organização da turbulência dentro e acima do dossel florestal amazônico
5	Luca	Mortarini	Co-spectral budget model for eddy-viscosity and law of the wall adjustment above the Amazon Forest. (Luca Mortarini, Cleo Quaresma, Nelson Dias, Marcelo Chamecki, Daniela Cava, Gaby Katul)
6	Gilberto	Fisch	An overview of the Amazonian PBL characteristics
7	Polari	CORRÊA	Gravity wave in the Amazonian nocturnal boundary layer
8	Gilberto	Fisch	The Boundary Layer characteristics at ATTO Tower
9	Anne	Mendonça	Turbulence regimes in the nocturnal boundary layer above the Amazon forest
10	Mauricio	Oliveira	Turbulence evolution at the Amazon Tall Tower Observatory in convective storms with varying degrees of organization
11	Otavio	Acevedo	Radiative controls od nocturnal turbulence regimes at the ATTO tower
12	Denisi	Hall	Comparative study of the energy balance of an urban and forest area in the Central Amazonia.

Session 4: Aerosols and Clouds, Biogeochemistry, Wednesday 5th of October 16:00 to 17:00

	First Name	Last Name	Title of the presentation
1	Rafael	Santos	Effects of convective events on the vertical profile of aerosol physical properties in central Amazonia
2	Sebastian	Brill	Emission, vertical mixing and atmospheric relevance of bioaerosols in the Amazon

3	Marco Aurélio Franco	Vertically resolved aerosol variability in the Amazonian boundary layer under clean wet season conditions
4	Ricardo Godoi	Investigating Fog Processing of Aerosol in Amazonia and their Climatic Impacts
5	Sebastian Brill	Fungal spore emissions and their relevance for the ecosystem Amazon.
6	Maria Carolina Ramirez Romero	Gas and particle phase characterization of biogenic organic compounds in the Amazon rain forest
7	Stefanie Hildmann	Molecular Characterization of SOA Particles at Amazonian Rainforest
8	Gabriela Unfer	Weather events and aerosol interactions in Amazonia
9	Isabella Diógenes	Variability of Convective Processes in Central Amazon
10	Rachel Albrecht	Lightning activity and convection characteristics at ATTO site region