

DRAFT PROGRAMME, ICOS Science Conference, 15-17th September 2020

Time	Tuesday 15th September	Wednesday 16th September	Thursday 17th September
	Bringing observers and modellers together	Understanding the Earth's biogeochemical processes	Knowledge for shaping the future
09:00-10:15	<p>Opening (TBA)</p> <p>Werner Kutsch: ICOS – European pillar of GHG observations</p> <p>Arlyn Andrews: Towards an International Reference Network for Greenhouse Gases'</p> <p>Erik Andersson: Requirements for in-situ observations to support the Copernicus CO2 monitoring service focusing on anthropogenic CO2 emissions</p>	<p>Richard Wanninkhof: Products from a surface ocean CO2 reference network, SOCONET</p> <p>Lars Tranvik: The carbon fluxes at the land-ocean-atmosphere continuum</p> <p>WU Mousong: Using SMOS soil moisture data combining CO2 flask samples to constrain carbon fluxes during 2010-2015 within a Carbon Cycle Data Assimilation System (CCDAS)</p>	<p>Thompson Rona: Changes in Net Ecosystem Exchange over Europe During the 2018 Drought Based on Atmospheric Inversions</p> <p>Pantazatou Karolina: Presenting ICOS data in education</p>
Coffee break			
10:45-12:00	<p>Järvi Leena: 'CarboCity project – A novel quantification and description of urban biogenic fluxes</p> <p>Thomas Lauvaux: 'Uncertainty-based analysis on constraining continental carbon exchanges from atmospheric greenhouse gas mixing ratios.</p>	<p>Kelly Julia: Thermal cameras: a new tool for modeling and upscaling ecosystem respiration?</p> <p>Gerbig Christoph: Can we see a covid-19 impact in atmospheric GHGs? A diagnostic assessment using STILT</p> <p>Sanders Richard: 'Carbon Cycling along the GB Land Ocean Aquatic Continuum (LOAC)</p>	<p>A.M.Roxana Petrescu: 'A synthesis of European greenhouse gas emissions and their uncertainties</p> <p>Sha Mahesh Kumar: 'Measurements of greenhouse gases from ground-based remote sensing and in-situ instruments and their application for satellite validation</p> <p>N.N: RINGO - Highlight</p>
Lunch			
13:00-14:00	Posters / Vendor Expo / NN & TC Showroom	Posters / Vendor Expo / NN & TC Showroom	Posters / Vendor Expo / NN & TC Showroom
Parallel Sessions			
14:00-15:30	<p>Session 1: Urban observations and detection of human emissions, Part I</p> <p>Session 2: Impact of COVID-19 lockdown on anthropogenic emissions</p> <p>Session 3: Innovation and uncertainty in observation, analysis and budgeting techniques, Part I</p>	<p>Session 7: Urban observations and detection of human emissions, part II</p> <p>Session 8: Vulnerability of the Carbon Cycle, part I</p> <p>Session 9: Innovation and uncertainty in observation, analysis and budgeting techniques, Part II</p>	<p>Session 13: Education Tools & Methods</p> <p>Session 14: Vulnerability of the Carbon Cycle, part II</p> <p>Session 15: Innovation and uncertainty in observation, analysis and budgeting techniques, Part III</p>
Coffee break			
16:00-17:30	<p>Session 4: Fluxes at land-ocean atmosphere continuum, part I</p> <p>Session 5: Bridging remote sensing and in situ GHG and related observation, Part I</p> <p>Session 6: Budgets, Trends and other controls of GHG and atmospheric constituents, part I</p>	<p>Session 10: Fluxes at land-ocean atmosphere continuum, part II</p> <p>Session 11: Bridging remote sensing and in situ GHG and related observation, Part II</p> <p>Session 12: Budgets, Trends and other controls of GHG and atmospheric constituents, part II</p>	<p>Session 16: Carbon exchange between atmosphere and reservoirs with long-term storage potential - RMV</p> <p>Session 17: RINGO</p> <p>Session 18: Budgets, Trends and other controls of GHG and atmospheric constituents, part III</p>