

The 16th International Conference on Accelerator Mass Spectrometry

Monday, 21 October 2024

Applications in Atmospheric and Environmental C-14 (10:50 - 12:10)

-Conveners: Jocelyn Turnbull

time	[id] title	presenter
10:50	[241] Radiocarbon tracing deep carbon emissions from the Tibetan Plateau	Prof. XU, Sheng
11:10	[24] Advanced 14C dating on organic carbon with distinct bond strengths for terrestrial carbon cycling dynamics	WANG, Hong
11:30	[279] The sources and the range of renewable content in biofuels: implications to the precision and accuracy of certification	Prof. MACARIO, Kita
11:50	[59] Applications of ¹⁴ C tracing the deep carbon in the Changbaishan volcanic area	WANG, Linan

Applications in Atmospheric and Environmental C-14 (13:30 - 14:50)

-Conveners: Sheng Xu

time	[id] title	presenter
13:30	[38] Fossil fuel CO ₂ tracing by atmospheric 14CO ₂ measurements in China	Prof. NIU, Zhenchuan
13:50	[28] Palaeoenvironmental variations of the past 3000 years in Russian Altai: insights from 14C and 210Pb/137Cs dating and elemental records of Lake Kolyvanskoe	Dr LI, Hong-Chun Dr MISRA, SATABDI
14:10	[75] Analysis of 14C radioactivity in seawater of Beibu Gulf, Guangxi, China, using GXNU-AMS	OUYANG, He
14:30	[172] 14C dating in forensics: the CMP (Committee on Missing Persons) project for the identification of missing persons	QUARTA, Gianluca

Applications in Atmospheric and Environmental C-14 (15:10 - 16:50)

-Conveners: Zhenchuan Niu

time	[id] title	presenter
15:10	[163] CarbonWatch-Urban: Application of atmospheric radiocarbon measurements to evaluate and monitor urban carbon dioxide emissions	TURNBULL, Jocelyn
15:30	[156] Numerical simulation of evolution of dissolved inorganic carbon chemical and isotopic compositions (13C and 14C) in carbonate-bearing areas	Dr ZHONG, Jun
15:50	[206] Inter-comparison between 81Kr- and 14C-dating of groundwater	Mr LI, Hao