


PROGRAM - APRIL 15	
AUDITORIUM ROJO	
Isotopes in magmatic systems and mineral resources. Conveners: Anderson Costa; Valdez Ferraz; Valdecir Janasi; Sebastián Oriolo	
8.30 - 9.00	Why your zircon Hf model ages might be wrong and how to fix them (Andreas Petersson)
9.00 - 9.20	Crustal Evolution of the Goiás Magmatic Arc: Ongoing Isotopic Work (Natalia Hauser et al.)
9.20 - 9.40	Linking Migmatite Anatexis to Granitic Magmatism in the Poço Redondo Domain (M. Lourdes da Silva Rosa et al.)
9.40 - 10.00	In situ Pb-Pb isotope geochemistry in feldspars: an underused tool in the identification of sources and evolutionary processes in Brazilian Neoproterozoic granites (Valdecir Janasi et al.)
10.00 - 10.20	Hybrid mantle provenance in the melt generation in the Vitória Trindade Ridge - a study case in the Martin Vaz archipelago (Gabriela Caitano et al.)
10.20 - 10.40	Isotopic Features (Sr-Nd) of the Pepe Núñez Alkaline Suite, NW Uruguay (southern extreme of the Paraná Basin). (Lucia Olivera et al.)
10.40 - 11.00	Origin of the Passo da Capela Alkaline Suite (Brazil) (Karina Luengo et al.)
11.00 - 11.20	Pelotas and Punta del Este Basins Magmatism - New Ar/Ar Ages (Brazil and Uruguay) (Tiago Girelli et al.)
11.30 - 12.30	PLENARY LECTURE - The Permian Triassic mass extinction: testing the volcanism hypothesis (Dr. ALCIDES NÓBREGA SIAL, Federal University of Pernambuco)
12.30 - 14.00	LUNCH TIME
14.00 - 14.20	Bimodal magmatism in Angola (252–82 Ma) and stepwise rifting: new ⁴⁰ Ar/ ³⁹ Ar constraints and correlations with the South Atlantic conjugate margin
14.20 - 14.40	Zircon U-Pb-O traverse across multiple orogens: Tracing crustal evolution across the evolving Gondwana margin. (Andreas Petersson)
14.40 - 15.00	A Two-Stage Model for Andean IOCG Deposits (Rurik Romero)
15.00 - 15.20	Tectonomagmatic Insights from Zircon U-Pb, O and Hf Isotopes - Cordillera Frontal (Facundo Scandroglio et al.)
15.20 - 16.00	Combined Zircon U/Pb-TE-Hf-O proxies reveal exploration barcode for magmatic orogenic gold in Perú. (Daniel Wiemer et al.)
16.00 - 16.20	Geochronology and Petrography of Veins within the SE Central Irish Zn-Pb Orefield (Fredericks La Donna et al.)
16.20 - 16.40	Tracing hydrothermal fluid pathways and sources of the Lajeado Group carbonate-hosted Pb-Zn-Ag-Au vein system using $\delta^{13}\text{C}$ - $\delta^{18}\text{O}$ systematics (Apiaí Terrane, southern Ribeira Belt - Brazil). (Guilherme Hoerlle et al.)
16.40 - 17.00	Decoupling of silicon and triple-oxygen isotope systematics during low-temperature silica precipitation in amethyst-agate geodes from the los Catalanes Gemological District, Uruguay. (Fiorella Ardouin et al.)
17.00 - 18.30	COFFEE BREAK AND POSTER SESSION
AUDITORIUM DORADO	
Isotopes in sedimentary sequences: stratigraphy, provenance and petroleum systems. Conveners: Claudio Gaucher; Jorge Spangenberg; Alcides N. Sial.	
8.30 - 9.00	Precambrian atmospheric oxygenation: advances and insights from isotope chemostratigraphy (Claudio Gaucher)
9.00 - 9.20	Combined U-Pb LA-ICPMS dating of aragonite crystal fans and clumped isotope thermometry of Ediacaran cap carbonates (Fabrizio Caxito et al.)
9.20 - 9.40	A large in situ U-Pb carbonate geochronology dataset from the Ediacaran-Cambrian Bambuí Basin, Brazil (Paulo Dias et al.)
9.40 - 10.00	Magmatic contributions and geochemical-isotopic patterns of multistage dolomitization in carbonate reservoirs: implications for pre-salt hydrothermal evolution (Alanielson Ferreira et al.)
10.00 - 10.20	Nd isotopes and detrital zircon U-Pb ages unfold the tectono-stratigraphic evolution of a subducted Tonian continental margin in the Passos Nappes, SE Brazil (Gabriel Paravidini et al.)
10.20 - 10.40	New geologic mapping and geochronology in the southern Caribbean plate margin (Camilo Montes et al.)
10.40 - 11.00	Paleoceanographic Record of the Carboniferous-Permian Boundary Along The Southern Gondwana Margin: A Preliminary Approach From The Tarlton Limestones (Madre de Dios Island, Chilean Patagonia) (Juan Pablo Letelier et al.)
11.00 - 11.20	$\delta^{13}\text{C}$ Maastrichtian excursion in lagoonal-coastal marine deposits, El Molino Formation, Sucre, Bolivia. (Daniel Poiré et al.)
11.30 - 12.30	PLENARY LECTURE (Auditorium Rojo) - The Permian Triassic mass extinction: testing the volcanism hypothesis (Dr. ALCIDES NÓBREGA SIAL, Federal University of Pernambuco)
12.30 - 14.00	LUNCH TIME
14.00 - 14.20	U-Pb age and SIMS data of Pelotas Basin carbonates, southernmost Brazil (Ileana Lehn et al.)
14.20 - 14.40	Clumped-Isotope Constraints on Lacustrine Carbonate Formation and Burial Reordering in the Barra Velha Formation, Santos Basin, Brazil (Mariana Leite et al.)
14.40 - 15.00	Integrated $\delta^{13}\text{C}$ and Mercury chemostratigraphy of OAE2 across three Colombian basins: insights into the La Luna Epeiric sea and the volcanic trigger of Mid-Cretaceous environmental change (Juan Carlos Silva Tamayo et al.)
15.00 - 15.20	Identifying organic matter in Brazilian pre-salt carbonates (Ileana Lehn et al.)
15.20 - 16.00	Carbon isotopic and biomarker analysis in the characterization of oils extracted from pre-salt reservoirs in the Atapu Field, Santos Basin (René Rodrigues et al.)
16.00 - 16.20	Insights into Hydrothermal Processes and Fluid Origin in the Barra Velha Carbonates (Roberto Ventura Santos et al.)
16.20 - 16.40	Isotopic fingerprinting of fracture-filling hydrothermal carbonates hosted in Upper Cretaceous deep-marine strata (Paulo Quezada et al.)
16.40 - 17.00	Carbonate precipitation under extreme high-altitude conditions: isotopic evidence from the Antofalla Graben travertine system, Central Andes (Guido Alonso et al.)
17.00 - 18.30	COFFEE BREAK AND POSTER SESSION
20.00 hs	 SSAGI DINNER (registration: 30 U\$S) Buffet dinner (Uruguayan barbecue and drinks) Club de Pesca Ramírez, Rambla Wilson 426, Parque Rodó