

Programme

Monday, March 24

INF 252, Hörsäle Chemie

18:00–
21:00

CONFERENCE DESK OPENING

18:00–
22:00

ICEBREAKER PARTY

Tuesday I, March 25

INF 252, Hörsaal Ost

INF 252, Hörsaal West

09:30

Welcome

Christina Ifrim and Wolfgang Stinnesbeck

DAAD-Fördermöglichkeiten für Geowissenschaftler aus/nach Lateinamerika

Sybilla Tinnap, DAAD, Bonn

Talk 141: Funding Opportunities for Scientific and Technological Cooperation: The Role of the Project Management Agency European and International Cooperation International Bureau of the Bmbf

Inge Lamberz de Bayas, Internationales Büro, Bundesministerium für Bildung und Forschung, Bonn

International Cooperation in DFG-Programmes – Earth Sciences in Latin America

Dietrich Halm, DFG, Bonn

11:00

COFFEE BREAK and POSTER SESSION

Session 1: The southernmost dinosaurs in Latin America and their environment

Chair: Marcelo Leppe

Session 2: Water

Chair: Heinrich Adolf Horn

11:20 **Talk 205: Late Cretaceous Terrestrial Biota from Las Chinas-Cerro Guido Complex, Magallanes Region, Southern Chile: A Key Area for the Antarctic-South American Biogeography**

Marcelo Leppe, Wolfgang Stinnesbeck, Eberhard Frey, Héctor Mansilla, Manfred Vogt, Edwin Gonzalez, Leslie Manriquez, Katherine Cisternas, Maritza Mihoc and Toshiro Jujihara

Talk 132: Nutrient fluxes in the groundwater affecting the northern mangrove coast of the peninsula Yucatán (México)

Lisa Krienen, Thomas Rüde, Eduardo Graniel Castro and Antonio Cardona Benavides

11:40 **Talk 131: Depositional Environment of Maastrichtian (Late Cretaceous) Dinosaur-Bearing Deltaic Deposits of the Dorotea Formation, Magallanes Basin, Southern Chile**

Manfred Vogt, Marcelo Leppe, Wolfgang Stinnesbeck, Toshiro Jujihara, Héctor Mansilla, Héctor Ortiz, Leslie Manriquez and Edwin González

Talk 163: Hydro Geochemical Classification of the Upper Rio Doce Basin, Mg – Brazil

Hubert Roeser

12:00 *** Talk 112: The Southernmost Dinosaurs of South America**

Toshiro Jujihara, Sergio Soto-Acuña, Alexander Vargas, Wolfgang Stinnesbeck, Manfred Vogt, David Rubilar-Rogers and Marcelo Leppe

Talk 004: Sediment and Water Quality of the Middle São Francisco River between Três Marias and Pirapora and the Environmental Implications

Heinrich Adolf Horn, Wallace Trindade, Elizéne Velloso and Filho Hernando F. Baggio

12:20

LUNCH BREAK

Session 3: Long-term Landscape Evolution

Chair: Ulrich A. Glasmacher

Session 4: Geohazard Management

Chair: Joachim Karfunkel

14:00 **Talk 207: Rates, Causes, and Dynamic of Long-Term Landscape Evolution of the South Atlantic “Passive Continental Margin”, Brazil and Namibia, as Revealed By Thermo-Kinematic Numerical Modeling**

Christian Stippich, Ulrich A. Glasmacher and Peter C. Hackspacher

Talk 195: Some Hydrogeological Aspects of Landslides in Tropical Zones of Ecuador

Fabian Vasconez

14:20 **Talk 157: Davis Vs. Penck. Did the Debate Start in Argentina?**

Daniel Rubiolo

Talk 023: Yapacarái Lake: Application as Technosols Anti-eutrofizantes and Reduction Cyanobacteria

Celso Velázquez I and Walberto Caballero M

Tuesday II, March 25

INF 252, Hörsaal Ost

14:40 **Talk 206: Did Upper Cretaceous Intrusions Reactivate Pre-Cretaceous Structures at the South Atlantic Passive Continental Margin of Brazil?**

Ulrich A. Glasmacher, Jaqueline de Souza Silva, Peter C. Hackspacher and Carolina Doranti-Tiritan

15:00 *** Talk 088: Uplift Rates Versus Exhumation Rates in the Northern Argentine Broken Foreland**

Julieta Carolina Nobile and Federico Miguel Dávila

15:20

COFFEE BREAK and POSTER SESSION

Session 5: Sedimentology

Chair: Christina Ifrim

15:40 **Talk 198: Late Jurassic to Early Cretaceous Climatic Variations in the Southern Hemisphere Based on Micro-Glendonite from Central Chile**

Hartmut Jäger, Wolfgang Stinnesbeck and Christian Salazar

16:00 **Talk 116: Aptian–Albian (Early Cretaceous) Climate of North-Eastern Brazil: From Evaporites to Open Marine Settings Based on Palynological Evidence**

Marcelo de Araujo Carvalho and Peter Bengtson

16:20 **Talk 190: Contourite Erosion-Depositional System in the Northwestern Argentine Basin (South Atlantic)**

Dmitrii Borisov, Ivar Murdmaa, Elena Ivanova and Oleg Levchenko

16:40 **Talk 216: Lower Upper Cretaceous $\delta^{13}\text{C}$ Stratigraphy, the Mother of All OAE 2 and Tectono-Sedimentary Evolution in NE Mexico (N.I.)**

Frank Wiese

INF 252, Hörsaal West

Talk 111: Gis-Based Analysis of Geo-Resources and Geo-Hazards for a Tropical Metropolitan Area: The Northern Periphery of Belo Horizonte (Minas Gerais, Brazil)

Monika Hofmann, Andreas Hoppe, Joachim Karfunkel and Allan Büchi

Talk 005: Use of Emerald Mining Waste as Fertilizer in Agriculture. Evaluation of Nutrient Liberation, Soil- and Plant- Evolution in Laboratory Rehearsal and During Greenhouse- and Open Field Tests

Amando Aguiar, Heinrich Adolf Horn and Alexandre Sylvio

Session 6: Deposits

Chair: Javier Castro-Larragoitia

Talk 006: Economic Consequences of Mega Volcanic Eruptions: A Case Study of Diamonds from West Minas Gerais, Brazil

Joachim Karfunkel, Donald Brunton Hoover, Augusto Fonseca Fernandes, Geraldo Norberto Chaves Sgarbi, Klaus Wilhelm Krambrock, Detlef Walde and Gary Michelfelder

Talk 193: Heavy Mineral Deposits in Cretaceous Foreland Deltaic Sandstones from the Parras Basin, Northeast, México

Natalia Amezcua Torres, Enrique Espinosa Arámburu and Juan Antonio Caballero Martínez

Talk 114: Perspectives for Li- and Ta-Mineralization in the Borborema Pegmatite Province, Ne-Brazil: A Review

Hartmut Beurlen, Marcelo R. Rodrigues da Silva, Rainer Thomas, Axel Müller, Dieter Rhede and Dwight Rodrigues Soares

Talk 166: Mercury in Residues of a Historical Metallurgical Site in Mexico: An Unattended Legacy

Javier Castro-Larragoitia, Israel Razo Soto, Ofelia Morton Bermea, Utz Kramar, Adriana Leura-Vicencio, Ramón Jiménez-Galicia and Friederich Bayer

17:00

POSTER SESSION with DRINKS

INF 252, Grosser Hörsaal

PUBLIC TALK

20:00

Talk 208: Die Zentralen Anden – wie ein Gebirge wächst

Jonas Kley

Wednesday I, March 26

INF 252, Hörsaal Ost

Session 7: Palaeontology

Chair: Christina Ifrim

- 09:00 * **Talk 126: The Aquatic and Subaquatic Fauna in Miocene Amber of Chiapas: Paleoenvironmental and Paleocological Implications**
María de Lourdes Serrano-Sánchez and Francisco J. Vega
- 09:20 * **Talk 110: Fauna and Environment of the Marine Pliocene Horcón Formation, Central Chile**
Jorge D. Carrillo Briceño and Sven N. Nielsen
- 09:40 **Talk 146: Crocodylan Teeth from Lake Chapala, Jalisco, SW-Mexico**
Eberhard Frey, Ricardo Aguilar Alonso, H. Dieter Schreiber and Wolfgang Stinnesbeck
- 10:00 * **Talk 121: The Fossil Record of Decapod Crustaceans in Mexico: New Information on Paleobiogeography and Evolution**
Francisco J. Vega

INF 252, Hörsaal West

Session 8: Palaeozoic

Chair: Juan Alonso Ramírez Fernández

- Talk 007: Geochemistry, Provenance and Tectonic Setting of the Granjeno Schist, Evidence from Pangaea**
Torres Sánchez, Sonia Alejandra, Carita Augustsson, Uwe Jenchen, Rafael Barboza-Gudiño, Juan Alonso Ramírez Fernández, Fernando Velasco Tapia and Michael Abratis
- Talk 008: Genetic Relationships of Gondwanan Carboniferous Arc Magmatism in Ne Mexico**
Juan Alonso Ramírez Fernández, Lorena de Leon Barragán and Uwe Jenchen
- Talk 164: Mantle Evolution at the Mexican Margin of Pangea: The Role of Continental Collision and Arc Processes as Inferred from Sm-Nd Isotopes**
Moritz Kirsch, J. Duncan Keppie, J. Brendan Murphy and Maria Helbig
- Talk 107: Claromecó Basin Evolution and Ventana Ranges Deformation (Buenos Aires Province, Argentina): Flexural, Magnetic and Gravimetric Models**
Claudia Prezzi, Haroldo Vizán, Silvia Japas, María Andrea Van Zele and Emiliano Renda

10:20 COFFEE BREAK and POSTER SESSION

Session 9: The Mexican Corridor: Arrival of the Man in Latin America

Chair: Norbert Lenz

- 10:40 **Talk 197: The First Settlers on the Yucatan Peninsula, Mexico, and Reconstruction of Regional Palaeoenvironmental Changes Across the Pleistocene-Holocene Boundary**
Arturo H. González, Alejandro Terrazas, Wolfgang Stinnesbeck, Martha E. Benavente, Jerónimo Avilés, Carmen Rojas, José Manuel Padilla, Eugenio Aceves and Eberhard Frey
- 11:00 * **Talk 192: Human Remains of Late Pleistocene-Early Holocene Age from Submerged Caves of the Eastern Yucatan Peninsula, Mexico: Implications for the Peopling of the Americas**
Alejandro Terrazas Mata, Martha Elena Benavente, Arturo González González and Wolfgang Stinnesbeck
- 11:20 **Talk 142: Reconstruction of Late Pleistocene-Early Holocene Sea-Level and Climate Variations Using Speleothems from Underwater Caves in Quintana Roo, Mexico – An Outlook**
Fabio Hering, Jens Fohlmeister, Wolfgang Stinnesbeck, Norbert Frank, Jerónimo Avilés, Eugenio Aceves Núñez, Alejandro Terrazas Mata, Martha Elena Benavente and Arturo González González
- 11:40 **Talk 174: Strontium Isotopes in Enamel Collected from Pre-Historic Skeletons Found in a Cave System in Quintana Roo/Mexico**
Bernd Kober, Johanna Kontny, Wolfgang Stinnesbeck, Alejandro Terrazas Mata, Martha Elena Benavente, Jerónimo Avilés, Eugenio Aceves Núñez and Arturo González González
- 12:00 **Talk 200: America after the Ice—Man and Megafauna in the New World, an Exhibition Project**
Norbert Lenz and Eberhard Frey

Session 10: Neotectonics

Chair: Hans-Jürgen Götze

- Talk 202: Space Geodetic Velocities at the Northwestern Corner of South America**
Héctor Mora-Páez
- Talk 021: Andersonian and Coulomb Stresses in Central Costa Rica and Its Fault Slip Tendency Potential: New Insights Into their Associated Seismic Hazard.**
Allan López
- Talk 156: Modern Seismotectonic Facies within the Costa Rica Stress Factory: Implications for Reactivation and Structure Signature**
Allan López and Birgit Müller
- Talk 139: Upper-Crustal Kinematics of Continental Plateau Formation in the Southern Central Andes Inferred from Fault-Slip Analysis**
Ulrich Riller and Heidi Daxberger
- Talk 119: The Central Andes Margin Revisited – A New Gravity-Inferred 3D Density Model**
Hans-Jürgen Götze, Theresa Schaller and Monika Sobiesiak

12:20 LUNCH BREAK

Wednesday II, March 26

INF 252, Hörsaal Ost

Session 11: The Mexican Corridor: Jurassic-Cretaceous

Chair: Eberhard Frey

- 14:00 **Talk 118: The Upper Jurassic La Caja and La Casita Formations in Mexico – New Data on Palaeontology and Palaeobiogeography**

Patrick Zell, Seija Beckmann and Wolfgang Stinnesbeck

- 14:20 **Talk 140: Paleoenvironments of the La Caja/La Casita Formations During the Late Jurassic-Earliest Cretaceous, Northeastern Mexico**

Seija Beckmann, Patrick Zell, Wolfgang Stinnesbeck and José Manuel Padilla

- 14:40 **Talk 151: The Timing of the Coastal Progradation in the Western Gulf of Mexico During the Late Cretaceous**

Daniel Pfeiff, Christina Ifrim, Angelica Oviedo and Miguel Franco-Rubio

- 15:00 **Talk 145: The Dinosaur Delta at Las Aguilas, Coahuila, Mexico**

Eberhard Frey, Hector Rivera-Silva, José-Manuel Padilla, Wolfgang Stinnesbeck and Arturo H. González González

15:20

COFFEE BREAK and POSTER SESSION

Session 13: The Mexican Corridor: Mesozoic

Chair: Francisco J. Vega Vera

- 15:40 **Talk 148: The Paleontological Collection of Chihuahua, Mexico**

Angelica Oviedo, Miguel Franco-Rubio and Christina Ifrim

- 16:00 **Talk 172: The Complete Skeleton of a Primitive Mosasaurian from the Turonian of Northeastern Mexico**

Krister T. Smith, Marie-Céline Buchy, Christina Ifrim, J. M. Padilla Gutierrez, Eberhard Frey, Wolfgang Stinnesbeck and Arturo González-González

- 16:20 **Talk 144: A Late Maastrichtian Airport at San Francisco, Coahuila, Mexico**

Eberhard Frey, José-Manuel Padilla, Francisco J. Vega Vera, Wolfgang Stinnesbeck and Arturo H. González González

INF 252, Hörsaal West

Session 12: Palaeozoic and beyond

Chair: Hans-Joachim Massonne

- * **Talk 009: First Petrological Study of Nelsonites from Grenvillian Novillo Gneiss, Basement of the Sierra Madre Oriental (Ne Mexico): Preliminary Results**

Raymundo Casas García, Juan Alonso Ramírez Fernández, Augusto Antonio Rodríguez Díaz and Bodo Weber

- Talk 153: Paleoproterozoic Metamorphic Evolution of Tonalitic Gneisses and Associated Migmatites from the Cerro El Cristo Area of the Tandilia Belt, Río De La Plata Craton**

Juan Cruz Martínez, Hans-Joachim Massonne, Ailín A. Graff, Jorge A. Dristas and Thomas Theye

- Talk 179: Palaeozoic Drainage Stability Along the Western Gondwana Margin - Detrital Zircon Evidence from the South-Central Andes**

Carita Augustsson, Tobias Rüsing, Hans Niemeyer, Ellen Kooijman, Jasper Berndt, Heinrich Bahlburg and Udo Zimmermann

- Talk 013: Study of Rocks from the Subduction Channel Below the Late Palaeozoic Accretionary Prisms of Central Chile: Steady Cooling after the Onset of Subduction**

Arne P. Willner and Hans-Joachim Massonne

Session 14: Sediments and beyond

Chair: Aldo Alvan

- 15:40 **Talk 224: Integrated Biostratigraphy and Biogeographic Inferences of Uppermost Maastrichtian Ammonites and Planktic Foraminifera of the Pernambuco-Paraíba Basin, North-Eastern Brazil**

Peter Bengtson and Eduardo A.M. Koutsoukos

- 16:00 **Talk 042: Vertical Seismic Profile: A Powerful High Resolution Tool to Identify Sandstone Thickness for Better Reservoir Characterization**

Maria Vargas and Sergio Peralta

- 16:20 **Talk 177: The Camana Basin (Cenozoic, Southern Peruvian Forearc): Zircon U-Pb Geochronology, Petrography, and Geodynamic Implications**

Aldo Alvan, Hilmar von Eynatten, Istvan Dunkl and Axel Gerdes

INF 252 Foyer

16:40

CONFERENCE PHOTO

17:00

POSTER SESSION with DRINKS

Historic City Center, Universitätsplatz, Triplexmensa

19:00

CONFERENCE DINNER

Thursday, March 27

INF 252, Hörsaal Ost

Session 15: The first men and their environment

Chair: Bertil Mächtle

- 09:00 **Talk 158: Can Ceramics Be Used as Possible Archives of Paleoclimate Change? Ceramic Petrology and Geochemistry of Paracas and Late Intermediate Period, Southern Peru**
Daniela B. Oestreich, Bertil Mächtle, Ulrich A. Glasmacher, Markus Reindel, Heike Otten and Debora Fallor
- 09:20 **Talk 185: Climate, Natural Resources and Pre-Hispanic Societal Dynamics in the Central Andes**
Bertil Mächtle, Karsten Schitteck and Bernhard Eitel
- 09:40 **Talk 137: Study on the Vulnerability and Impact of Climate Change on the Great American Chaco (Gran Chaco Americano)**
Maria Alvarez
- 10:00 **Talk 191: High-Altitude Peatlands of the Central Andes as Sentinels of Holocene Environmental Changes**
Karsten Schitteck, Bertil Mächtle, Bernhard Eitel and Frank Schäbitz

INF 252, Hörsaal West

Session 16: Magmatism I

Chair: Gerhard Wörner

- * **Talk 066: Volcanic and Volcano-Sedimentary Sequences of the Casma Group and Its Association to Ammonite Faunas**
Yuly Mamani, Javier Jacay, Jessica Vela, Diana Pajuelo and Rosa Jara
- Talk 127: Fluid Inclusions, Isotopic Fluid Composition and New Age Datings of Rare-Metal Pegmatites, Sierra De San Luis, Argentina**
Graciela Sosa, Alfons van den Kerkhof, Klaus Wemmer, Volker Lüders, Birgit Plessen and Teresita Montenegro
- * **Talk 135: Palaeomagnetism and 40Ar/39Ar Dating from Lower Jurassic Rocks in Gastre, Central Patagonia: Further Data to Explore Tectonomagmatic Events Associated with the Break-Up of Gondwana**
Claudia Beatriz Zaffarana and Rubén Somoza
- Talk 183: Andean Magmatism from Crustal to Crystal Scale**
Gerhard Wörner

10:20 COFFEE BREAK and POSTER SESSION

Session 17: Geology Today

Chair: Helena Fortunato

- 10:40 **Talk 025: "Geotouristic Guide of the Valle Central": A Result of a Teaching Outreach Project from the Social Actions Vicerectorate of the Universidad De Costa Rica for the Diffusion of Geodiversity and the Promotion of Geoconservation Through Geotourism**
Lolita Campos-Bejarano
- 11:00 **Talk 222: Recent Geomorpho-tectonic evolution of the Jamaica Island**
Leomaris Domínguez-González, Klaus P. Stanek, Louis Andreani and Richard Gloaguen
- 11:20 **Talk 165: Gravity and Magnetic Anomalies Associated with Geological Structures in the North of Mexico**
Vsevolod Yutsis, José Jorge Aranda Gomez, Roberto Stanley Molina Garza, Gemma Treviño Villareal and Claudia Rigel Peredo Mancilla
- 11:40 **Talk 182: Geomorphologic Differentiation of Beach and Coast on Cozumel Island, Mexico**
Orlando Colín Olivares and Oscar Frausto Martínez
- 12:00 **Talk 169: Coralline Red Algae: A Proxy to Monitor Environmental Changes**
Helena Fortunato

Session 18: Magmatism II

Chair: Christoph Breitkreuz

- Talk 214: Possible Impacts of Strategic Minerals in the Colombian Amazonas and Orinoco area**
Thomas Cramer, Zeze Amaya-Perea, José Franco Victoria, Amed Bonilla-Pérez, Andrés Felipe Alvarado Ávila, Manaes Amaya Perea, José Antonio Castañeda, Luis Hernan Ochoa Gutierrez and Heinrich Adolf Horn
- Talk 123: Temporal Changes in Mantle Wedge Geometry and Magma Generation Processes in the Central Andes**
Rosanne Heistek and Gerhard Wörner
- Talk 210: Temporal and Compositional Patterns and Variations in Ignimbrite Volcanism in the Andes over the past 30 Ma - a geostatistical approach**
Melanie Brandmeier and Gerhard Wörner
- Talk 186: Central Andean Andesites Explained By Three Endmembers?**
Magdalena Banaszak and Gerhard Wörner
- Talk 010: Neogene to Quaternary Ash Deposits in the Coastal Cordillera in Northern Chile: Distal Ashes from Supereruptions in the Central Andes**
Christoph Breitkreuz, Shanaka L. de Silva, Hans G. Wilke, Jörg A. Pfänder and Axel D. Renno

12:20

CLOSING CEREMONY and POSTER REMOVAL PARTY

14:00

CONFERENCE DESK CLOSING

Posters

INF 252, Foyer

A

Poster 160: Environmental Quality of the Waters of Maracujá River Sub-Basin, Ouro Preto, Minas Gerais, Brazil

Maria Alzira Diniz **Almeida**, Hubert Mathias Peter Roeser, Maria Lúcia Leopoldo and Erik Sartori Jeunon Gontijo

Poster 162: Geochemistry of Waters of the Stream Ribeirão Do Carmo, Ouro Preto, Minas Gerais, Brazil

Maria Alzira Diniz **Almeida**, Hubert Mathias Peter Roeser, Maria Lúcia Leopoldo and Erik Sartori Jeunon Gontijo

Poster 176: Anatomy of the Camaná Basin (Southern Peruvian Forearc): Stratigraphic Framework and Sedimentary Facies Analysis

Aldo Alvan and Hilmar von Eynatten

Poster 178: The Cenozoic Camaná Basin: Integration of Stratigraphic Logs and Offshore Seismic Information

Aldo Alvan, Javier Jacay and Hilmar von Eynatten

Poster 027: The 1963-1965 Basaltic-Andesitic Phreatomagmatic Eruption at Irazú Volcano (Costa Rica): From High-Fragmented Recycling Tephra to Rain-Triggered Lahars, and its Economical Effects

Guillermo E. **Alvarado** and Hans-Ulrich Schmincke

Poster 019: Piedras Pintadas more than 2200 Years of History from Nicaragua

Alvaro Antonio **Amador**

B

Poster 173: Timing of Plattenkalk Formation in the Turonian (Upper Cretaceous) of the Cañón La Huasteca, Northeastern Mexico

Seija **Beckmann**, Christina Iffrim and Theresa Straub

Poster 017: Social, Environmental and Mining Management, a Challenge for Paraguay and its Novel Mining

Juan Carlos **Benitez** Maldonado

C

Poster 024: Boundary Zone Stratigraphy Between the Valle Central and Terraba Sedimentary Basins in Costa Rica

Lolita **Campos-Bejarano**

*** Poster 218: Trace Metals in Moa Cay's Sediments (Cuba): Preliminary Site Contamination Assessment**

Yosbanis **Cervantes** Guerra, Hans-Juergen Gursky, Yuri Almaguer Carmenates, Allan Pierra Conde and Gerardo Orozco Melgar

Poster 204: Paleocology and Evolution of the Carnivorous Mammalian Faunas of South America from the Late Miocene to the Pleistocene: Insights from Stable Isotopic Signatures (¹³C, ¹⁵N, ¹⁸O) in Fossil Bones and Teeth

Martin **Cotte**, Francisco J. Prevosti, Leopoldo H. Soibelzon and Hervé Bocherens

Poster 214: Possible Impacts of Strategic Minerals in the Colombian Amazonas and Orinoco Area

Thomas **Cramer**, Zeze Amaya-Perea, José Franco Victoria, Amed Bonilla-Pérez, Andrés Felipe Alvarado Ávila, Manaes Amaya Perea, José Antonio Castañeda, Luis Hernan Ochoa Gutierrez and Heinrich Adolf Horn

D

Poster 203: Groundwater Management Using Urban Hydrogeology in Monterrey, Mexico

René Alberto **Dávila** Pórcel, Héctor de León-Gómez, Jimmy Luis Loaiza Navia, Jaime Max Garfias Soliz and Antonio Cardona Benavides

Poster 138: Assessing the Morphotectonic Evolution of the Southern Central Andes Using the River Transect

Heidi **Daxberger**, Ron Dalumpines, Darren M. Scott and Ulrich Riller

Poster 221: Water Level Changes of the Enriquillo Lake in Dominican Republic. Climate Change or Active Tectonic

Leomaris **Domínguez**-González, Richard Gloaguen, Klaus P. Stanek, Dorothea Deus and Louis Andreani

Poster 143: Landscape Evolution of the Brazilian Southeastern Highlands, Poços de Caldas Plateau

Carolina **Doranti**-Tiritan, Peter Christian Hackspacher and Ulrich A. Glasmacher

Poster 154: Genesis of Fluorapatite Aggregates in Dolomites, Quartzites, Limestones and Pelites of the Olavarria Area, Tandilia Ranges, Argentina

Jorge A. **Dristas**, Juan Cruz Martínez, Hans-Joachim Massonne, Thomas Theye and Ailín A. Graff

* Sponsored by DFG travel grants

E-F

Poster 032: Ichnological Research in Lower Cretaceous Marginal-Marine Facies from Patagonia: Outcrop Studies, Sem Examinations, and Paleontological/Sedimentological Integration

Diana Elizabeth **Fernández**

G

Poster 012: Hydroclimatological Constrains for Water Supply to Bogota (Colombia). The Chingaza Region Case Study

Reinaldo **Garcia**

Poster 211: Environmental Characterization of the Casca River: A Contribution to the Environmental Diagnosis of the Upper Doce River Basin

L. R. **Glória** Wellington, Flaviane C. Silva, Vera L. De M. Guarda and Hubert M. P. Roeser

Poster 159: Caracterisation of Aquatic Humic Substances from Caraça Mountain Range and Sorocabinha Stream/ Brazil

Erik Sartori Jeunon **Gontijo**, Cláudia Hitomi Watanabe, Mariana Luiza Fernandes, Maria Alzira Diniz Almeida, Leandro Cardoso de Morais, Carolina Monteiro Santos, Kurt Friese, Hubert Mathias Peter Roeser and André Henrique Rosa

Poster 161: Geochemical Study of Waters in the Eastern of the Quadrilátero Ferrífero, Brazil

Erik Sartori Jeunon **Gontijo**, Mariana Luiza Fernandes, Cláudia Hitomi Watanabe, Maria Alzira Diniz Almeida, Kurt Friese, Gilmare Antônia da Silva, Hubert Mathias Peter Roeser and André Henrique Rosa

Poster 155: Basement Geology and Geochemistry of the El Cristo and San Verán Hills, Tandilia Belt, Rio de La Plata Craton

Ailin A. **Graff**, Juan Cruz Martínez, Jorge A. Dristas and Hans-Joachim Massonne

Poster 149: Map-Based Probabilistic Infinite Slope Analysis of Volcanic Ash Soils. Study Case: Mansiones, San Rafael de Montes de Oca, Costa Rica

Raquel **Granados** Aguilar

H

Poster 212: The Heidelberg Grinding Tomography Lab: The Potential of High Resolution Digital Reconstructions in Low Density Contrast Samples

Dominik **Hennhöfer** and Enric Pascual-Cebrian

* **Poster 201: Modeling of Managua's Aquifer with Visual Modflow**

Reyna **Hernández** C and Manuel Martínez M-Advisory

Poster 002: Microprobe Investigations on Dust Particles from Votorantim's Zn Foundry at Três Marias, Minas Gerais, Brazil. - Mineral Particle Distribution and their Chemical Composition

Heinrich Adolf **Horn**, Elizêne Velloso, Wallace Trindade and Hernando Baggio

I-J

Poster 109: Paleontological Heritage Management in Northern Brazil: The Tocantins Fossilized Forest Case

André **Jasper**, Jorge Elis, Marjorie Kauffmann, Etiene Fabbrin Pires, Neli Teresinha Galarce Machado. José Rafael Wanderley Benicio, Joseline Manfroi, Mariela Inês Secchi, Cátia Viviane Gonçalves and Dieter Uhl

Poster 108: Permian Wildfires on Gondwana in Space and Time and the Palaeobotanical History of Fire

André **Jasper**, Margot Guerra-Sommer, Neli Teresinha Galarce Machado, Joseline Manfroi, Isa Carla Osterkamp, Alcemar Martello, Átila Augusto Stock da Rosa, Abdalla Abu Hamad and Dieter Uhl

K

Poster 189: A 2,500 Yr High-Resolution Peat Record of Climatic and Environmental Change as Recorded in Stable Isotope Proxies from Oxychloe Peat (Nw Argentine Andes)

Sebastian **Kock**, Karsten Schitteck, Andreas Lücke, Holger Wissel and Frank Schäbitz

Poster 175: Timing and Rates of Long-Term Landscape Evolution in Southern Argentina

Sebastian **Kollenz**, Ulrich A. Glasmacher and E.A. Rossello

* Sponsored by DFG travel grants

L

- Poster 171: Coastal Progradation of the North-Western Gulf of Mexico During the Late Cretaceous** Dominic **Lange**, Christina Ifrim, Angélica Oviedo and Rodolfo Fierro
- Poster 200: America after the Ice–Man And Megafauna in the New World, an Exhibition Project** Norbert **Lenz** and Eberhard Frey
- Poster 217: Water Supply Assessment in Monterrey/Mexico** Héctor de **León-Gómez**, René Alberto Dávila Pórcel, Vsevolod Jutsis and Arquímedes Cruz López
- Poster 170: Cretaceous Aporrhaidae (Gastropoda) from the Sergipe Basin, Northeastern Brazil** Manuela **Lexen** and Peter Bengtson
- Poster 041: Fracture Characterization on Yacoraite Fm, Jujuy Province, Northwest Argentina: Implications for Hydrocarbon Exploration and Production in Folded and Fractured Reservoirs** Jeremias **Likerman**, Daniel L. Yagupsky and Ernesto O. Cristallini

M

- Poster 188: Crustal Evolution and Metallogeny along the Central Andes** Mirian **Mamani** and Gerhard Wörner
- Poster 209: Ammonites of the Late Cretaceous Western Gulf of Mexico Coast** Annika **Meuter**, Christina Ifrim and Angelica Oviedo
- Poster 194: Geological Heritage and Geo-Parks: Current Situation in Peru** César **Muñoz**

N

- Poster 115: The Lateritic-Bauxite Profile in Carajás, Pará, Brazil** Leonardo Boiadeiro Ayres **Negrão**, Marcondes Lima da Costa and Herbert Pöllmann
- * Poster 089: K–Ar Fault Gouge Dating in Northern Argentine Broken Foreland** Julieta Carolina **Nobile**, Gilda Collo, Federico Miguel Dávila and Klaus Wemmer

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- Poster 117: Environmental Quality of the Caparaó National Park (Es / Mg - Brazil): Cr and Pb Concentrations in Bottom River Sediments** J. **Oliveira**, W. Rodrigues and H. Horn
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