

M O N D A Y 04/09	
18.00 - 20.00	ICE - BREAKER PARTY (San Marcellino Monumental site)

T U E S D A Y 05/09	
8.30 - 9.00	Registration
8:50-9:00	OPENING AND WELCOME
	Alessandro Iannace (University Federico II, Napoli)
9.00 - 9.30	Neuhaus
9.30 - 10.00	Petrick
10.00 - 10.30	Slootman
10.30 - 11.00	Coffee and Posters
11.00 - 11.30	Teillet
11.30 - 12.00	Rendall
12.00 - 12.30	Xi
12.30 - 13.00	Lunch
13.00 - 13.30	
13.30 - 14.00	
14.00 - 14.30	Burgess
14.30 - 15.00	Jarochowska
15.00 - 15.30	Sorci
15.30 - 16.00	Coffee and Posters
16.00 - 16.30	Ortega-Ariza
16.30 - 17.00	Berra
17.00 - 17.30	
17.30 - 18.00	
18.00 - 18.30	
18.30 - 19.00	Plenary discussion
	Recent carbonates <i>Convenors:</i> Eberhard Gischler (Goethe-Universitaet, Germany) Cameron J. Manche (Texas A&M University, USA)
	Composition of recent coral reef-derived sediments across the remote Chagos Archipelago Aitana Gea Neuhaus, Ines D. Lange, Chris T. Perry & Marleen Stuhr
	Using SST-proxy data from the Coral Sea to reevaluate carbonate facies models and long-term changes in coral reef systems. Benjamin Petrick, Lars Reuning, Gerald Auer, Alexandra Auderset, Alfredo Martinez-Garcia, Miriam Pfeiffer & Lorenz Schwark
	Settling behaviour of natural carbonate sand-mud suspensions John J.G. Reijmer, Arnoud Slootman, Max de Kruijf, Jonathan Kranenburg & Rosa de Boer
	Micritization products: a micro-taphonomic sequence recording pre-burial bio-physical-chemical processes in shallow marine carbonates (Red Sea, Arabian Sea and Arabian Gulf) Thomas Teillet, Kai Hachmann, Viswasanthi Chandra, Elisa Garuglieri, Charlene Odobel, Ramona Marasco, Camila Areias, Mónica Sánchez-Román, Mohamed Harkat, Daniele Daffonchio & Volker Vahrenkamp
	Orientation of Late Pleistocene MIS 5e Bahamian aeolianites as records of geostrophic flow during the last interglacial Ben Rendall, Kat Wilson, Charles Kerans, Mark Helper & David Mohrig
	Spatial self-organization in carbonate depositional environments: process, product, environment, and implication Haiwei Xi, Sam Purkis & Peter Burgess
	Messy Migrating Mosaics: A Numerical Forward Modelling Analysis of Carbonate Stacking and Bed Thickness Distributions Peter Burgess, Niklas Hohmann & Emilia Jarochowska
	Using forward modelling to test hypotheses on the preservation of time in marine carbonate records Emilia Jarochowska, Peter Burgess, Niklas Hohmann, Johan Hidding, Hanno Spreeuw, David De Vleeschouwer & Rachel Warnock
	Unraveling the mystery of ribbon rocks as response to palaeoclimatic change in a late Cambrian carbonate ramp from the Zagros Basin (Iran) Andrea Sorci, Simonetta Cirilli, Amalia Spina, Mansour Ghorbani & Roberto Rettori
	Upwelling as a Control on Regional Distribution of Heterozoan and Photozoan Carbonate Facies in a Low-latitude Setting, Lower Mississippian, Continental U.S. Diana Ortega-Ariza & Evan K. Franseen
	Soft-sediment deformation structures and sedimentary dykes in a dolomitized carbonate Fabrizio Berra
	Current Carbonate Conundrums: models versus data, complexity versus simplicity, and other issues to debate Peter Burgess (Liverpool University, UK) & Emilia B. Jarochowska (Utrecht University, The Netherlands)

W E D N E S D A Y 06/09

9.00 - 9.30	Himmler	Cold seep carbonates	Cold-seep carbonates as geological archives: from molecular fossils to glacial tectonics	Tobias Himmler
9.30 - 10.00	Rameil	<i>Convenor:</i> Elizabeth Chacón Baca (Universidad Autónoma de Nuevo León, Mexico)	Unlikely (sea)bedfellows? A possible link between cold seep carbonates and localized diatomite deposition, Valhall overburden, southern Norwegian North Sea	Niels Rameil, Søren Amdi Christensen, Per Henrik Fjeld, Sigrun M. Hetland, Paul Charles Reid, Mark Shahly, Eirik Stueland & Ole Vejbaek
10.00 - 10.30	Qing	Carbonate diagenesis <i>Convenors:</i> Maurice Tucker (Bristol University, UK) Anelize Bahniuk Rumbelsperger (Universidade Federal do Paraná, Brazil)	Dolomite recrystallization as identified through Mg-C-O isotope systems: a case study of Lower Ordovician dolomite from Yong-An-Ba Dam, Tarim Basin	Hairuo Qing, Zhanfeng Qiao, Siyang Zhang, Jason Cosford, Anping Hu & Feng Liang
10.30 - 11.00	Manche		Dolomite Stoichiometry as a Tool for Testing Dolomitization Models	Cameron J. Manche, Stephen E. Kaczmarek & Juan Carlos Laya
11.00 - 11.30	Coffee and Posters			
11.30 - 12.00	Smith		Fitted Fabric Grainstones – A Common Product of Subaerial Exposure and Vadose Diagenesis	Langhorne Smith
12.00 - 12.30	Mangione		Hypogenic void systems in Mississippian carbonates (UK) and implications for geothermal heat production	Alessandro Mangione, Cathy Hollis, Corinna Abesser, Banks Vanessa, Farrant Andy, Andres Gonzalez-Quiros, John Gunn, Alexander Klimchouk, Richard Shaw, Wenwen Wei & Fiona Whitaker
12.30 - 13.00	Lunch			
13.00 - 13.30				
13.30 - 14.00				
14.00 - 14.30	Richoz	Carbonates and Earth history <i>Convenor:</i> Hairuo Qing (University of Regina, Canada)	The emergence of pelagic calcification in the Upper Triassic and its influence on seawater chemistry	Sylvain Richoz, Isaline Demangel, Zsófia Kovács & Ingrid Urban
14.30 - 15.00	Urban		Oolites as proxies for palaeoenvironmental reconstruction: Post-end-Triassic Mass Extinction oolites from Wadi Milaha, Musandam Peninsula, United Arab Emirates	Ingrid Urban & Sylvain Richoz
15.00 - 15.30	Mloukie		Distribution and significance of oolites through the Phanerozoic	Eleni Mloukie, Joanna Garland, Alexander Brasier & John Howell
15.30 - 16.00	Coffee and Posters			
16.00 - 16.30	Adams	Carbonate geochemistry <i>Convenors:</i> Langhome B. Smith (Smith Stratigraphic LLC, USA) Andrea Martín Pérez (Slovenian Academy of Science and Arts, Slovenia)	Challenges and Success in Low Temperature Oxygen Diffusion Studies of Biocarbonates	Arthur Adams, Deyanira Cisneros-Lazaro, Hemant Raut, Damien Daval, Sylvain Bernard, Jaroslaw Stolarski, Torsten Vennemann, Lukas Baumgartner, Alain Baronnet, Olivier Grauby & Anders Meibom
16.30 - 17.00	Cisneros-Lazaro		Biomacromolecules increase diagenetic isotope exchange in biocalcites	Deyanira Cisneros-Lazaro, Arthur Adams, Hemant Raut, Laura M. Otter, Damien Daval, Sylvain Bernard, Jaroslaw Stolarski, Torsten Vennemann, Lukas Baumgartner, Alain Baronnet, Olivier Grauby, Stéphane Escrig & Anders Meibom
17.00 - 17.30	Posters and microscopes			
17.30 - 18.00				
18.00 - 18.30	Plenary discussion		C-O stable isotopes and carbonates: a discussion session on applications and issues	Arthur Adams (Ecole Polytechnique Federale de Lausanne, Switzerland) & Maurice Tucker (University of Bristol, UK)
18.30 - 19.00	5-minute (3 slide) contributions welcome to illustrate fundamental issues and new ideas			

T H U R S D A Y 07/09

9.00 - 9.30	Martín-Pérez	<p style="text-align: center;">Non - marine carbonates <i>Convenors:</i> Karina Apolinarska (Adam Mickiewicz University, Poland) Guilherme Chinelatto (State University of Campinas, Brazil)</p>	Subglacial carbonates: unique archives of changes in glacial environments	Andrea Martín-Pérez, Silvia Frisia, Giovanna Della Porta, Matej Lipar, Andrea Borsato & Xianfeng Wang
9.30 - 10.00	Słowakiewicz		Bacterial communities in biofilms covering the active depositional surface of freshwater tufa	Mirosław Słowakiewicz, Paweł Działak, Edoardo Perri, Michał Gradziński, Lars Reuning, Andrzej Borkowski & Maurice E. Tucker
10.00 - 10.30	Mather		Hydrological and microbial drivers of tufa formation in the Murujuga rock art province, northwest Western Australia	Caroline Mather, Maurice Tucker, Matthias Leopold, Juraj Farkas, Mick O'Leary, Vladimir Levchenko & Jo McDonald
10.30 - 11.00	Coffee and Posters			
11.00 - 11.30	Chacón Baca		Microbial diversity of Biogenic textures in the Paleogene Ahuichila Formation, northeastern Mexico	Elizabeth Chacón Baca, Edgar Medina, César F. Ramírez-Peña, Samuel Eguiluz & J. José Aranda-Gómez
11.30 - 12.00	Farias Bahniuk		Is there an incompatibility between radiogenic strontium signal and a geochemical model derived from fluids interacted with basalts for Brazilian Pre-Salt carbonates of Santos Basin?	Felipe Alves Farias, Anelize Manuela Bahniuk Rumbelsperger, Almério Barros França, Matheus Augusto Alves Cuglieri & Peter Sztamari
12.00 - 12.30	Montano	Depositional age models in lacustrine systems from zircon and carbonate U-Pb geochronology	Damaris Montano, Marta Gasparrini, Sebastien Rohais, Richard Albert & Axel Gerdes	
12.30 - 13.00	Lunch			
13.00 - 13.30				
13.30 - 14.00				
14.00 - 14.30	Bahniuk	<p style="text-align: center;">Non - marine carbonates <i>Convenors:</i> Mirosław Slowackiewicz (University of Warsaw, Poland) Crisogono Vasconcelos (Geological Survey, Brazil)</p>	Modern Microbial Carbonates Deposits in South America: New insights of sedimentation and diagenesis in alkaline lakes	Anelize Manuela Bahniuk Rumbelsperger, Paulo Andres Quezada Pozo, Carolina Henriquez Valenzuela, Joachim Amthor, Mauricio Calderón & Leonardo Fadel Cury
14.30 - 15.00	Kibblewhite		The influence of climate cycles on hydrology, chemistry, and sedimentation in alkaline lakes: insights from process-based modelling	Tom Kibblewhite, Fiona Whitaker & Joao Paulo Gomes
15.00 - 15.30	Hunt		Development of a high relief isolated carbonate platform in the Pre-Salt Aptian Barra Velha Formation, Santos Basin, Brazil	David Hunt, Kaluan Juk, Carlos Aizprua, Timothy Watton, Luiz Drehmer, Michael Zeller & Ian Troth
15.30 - 16.00	Teboul		Biotic & Abiotic Carbonate pathways: a key to sink anthropogenic CO ₂ ?	Pierre-Alexandre Teboul, Sylvain Calassou, Aurélien Virgone & Jean-Michel Kluska
16.00 - 16.30	Coffee and Posters			
16.30 - 17.00	Plenary discussion		Energy transition and CCS: how can carbonate-enthusiasts impact societal needs?	Pierre-Alexandre Teboul (TotalEnergies) & Alessandro Mangione (University of Manchester)
17.00 - 17.30				
17.30 - 18.00	Best poster prizes			
18.00 - 18.30	Next Bathurst Meeting and Arrivederci			