

# Timetable

## Notice:

- 1. Diacritics and accents:** We apologise that not all of the Language other than English accents and diacritics have been able to be inserted into the text. For the Attendance Certificate corrections or replacements, including diacritics and accents, please see Dr Susan White (Mobile 0418320413).
- 2. Commission and Working Groups meetings.** Times and places have been allocated for these meetings. If however, these do not suit, or extra meetings are required, please check the program for available times and spaces. Please let the Registration Desk know of changes.
3. Any enquiries regarding the program changes please contact Jill Rowling or Nicholas White.

## Sunday 23 July

Time	Marquee	Foyer	Ron Mulock AO Room (ALL)	Upstairs Pre Conference area	Marquee	
09:00 - 10AM	Set-Up Of Vendors Stall, 16 Legs Exhibition, & Facilities In The Marquee	General Assembly delegate registration			Setting up for the vendors, information stalls, SpeleoOlympics, 16 Legs exhibit etc.	
09:30 - 10:00 AM						
10:00 - 10:15 AM			Flag Raising ceremony			
10:15 - 10:55 AM						
10:55 - 11:10 AM						
11:10 - 11:50 AM						
11:50 - 12:30 PM						
12:30 - 1:30 PM						
1:30 - 1:40 PM						
1:40 - 2:10 PM			General Registrations	First General Assembly		
2:10 - 2:40 PM						
2:40 - 3:10 PM						
3:10 - 3:40 PM						
3:40 - 3:55 PM						
3:55 - 4:25 PM						
4:25 - 4:55 PM						
4:55 - 5:25 PM						
5:25 - 5:55 PM						
5:55 - 6:45 PM						Welcome Party
6:45 - 7:30 PM						
7:30 - 8:00 PM						
8:00 - 8:30 PM						
8:30 - 9:00 PM						
9:00 - 9:30 PM						
9:30 - 10:00 PM						
10:00 - 11:00 PM						

# Monday 24 July

Monday								
Time	Foyer	Marquee 1	The Evan Theatre	Jamieson Room	Ron Mulock AO Room 1	Hunter Room	Ron Mulock AO Room 2	
09:00 - 09:30 AM	REGISTRATIONS 8:30 am - 7:00 pm		Opening Speeches					
09:30 - 10:00 AM								
10:00 - 10:15 AM		SHORT BREAK						
10:15 - 10:55 AM				Australian Karst - Caves In An Ancient Land <u>Webb</u>				
10:55 - 11:10 AM		SHORT BREAK						
11:10 - 11:50 AM				The Contribution Of Cave Sites To The Understanding Of Quaternary Australian Megafauna Records <u>Reed</u>				
11:50 - 12:30 PM				Cave Diving In Australasia <u>Smith</u>				
12:30 - 1:30 PM		LUNCH BREAK						
1:30 - 1:40 PM			Opening Remarks	Film: Babka's Film (Time Tbd)	Opening Remarks	Opening Remarks	Opening Remarks Including Dedication To Dr Robert Wray	Opening Remarks
1:40 - 2:10 PM			Deep Sump Diving Exploration In Mammoth Cave, Jenolan Caves, Nsw Blue Mountains <u>Johnston</u>		Small-Scale Modelling Of Arenitic Caves In South American Tepuis: Make Your Own Tepui At Home <u>Aubrecht, Lánczos, Schlögl, Audy et al.</u>	Eastern Australian Karsts And European Karsts Some Comparisons <u>Osborne</u>	Scientific Researches And Explorations In Quartzite And Quartz-Sandstone Caves <u>Sauro, Wray</u>	White-Nose Syndrome And Australian Bats - What Is The Risk And What Can We Do? <u>Cox-Witton, Iglesias, Holz</u>
2:10 - 2:40 PM			Photographing New Zealand's Subterranean Wilderness <u>Thomas</u>		Vadose Zone Hydrogeology In The Bossea Cave System (Southern Piedmont, Northern Italy) <u>Vigna, Fiorucci, Nannoni, De Waele</u>	Notes From The Northern Nullarbor <u>Lutherborrow, Brown</u>	Some Fundamental Features Of Speleogenesis In Sandstone <u>Mouret</u>	Monitoring Subterranean Microbats In South-Eastern Mainland Australia <u>Mills</u>
2:40 - 3:10 PM			New Exploration In Underwater Cave Systems In Riviera Maya, Mexico <u>Motycka</u>		Effects Of Photosynthesis And Groundwater Input On Diel Variations Of Electrical Conductivity And Calcite Precipitation In Chaotian River, Guilin, China <u>Cheng, Zhang, Wang, Xiao</u>	Pocket Valleys On The Escarpments Of The Nullarbor Plain, Southern Australia, And Their Potential For Palaeoenvironmental Reconstruction <u>Lipar, Ferk, White</u>	Caves And Other Features In Glaciers And Icebergs, Graham Land, Antarctica <u>Mouret</u>	Identification And Characterization Of Hot Caves In Puerto Rico <u>Carrión-Cabrera</u>
3:10 - 3:40 PM		Cave Radio For Direction Finding And Communication <u>Lenander</u>	Mapping Carbonate And Evaporite Brackish Aquifers, Texas, USA <u>Croskrey</u>		Flank Margin Cave Development And Tectonic Uplift, Cape Range, Australia <u>Mylroie, Mylroie, Humphreys, Brooks</u>	Origin Of Caves In Glaciers And Glacial Sheets <u>Mavlyudov</u>	Tropical Karst As An Island Of Biodiversity: Melody Rocks, Cape York Peninsula, Australia <u>Hughes, Clague, Coles, Thomson, Whybird</u>	
3:40 - 3:55 PM	AFTERNOON TEA							

Monday							
Time	Foyer	Marquee 1	The Evan Theatre	Jamieson Room	Ron Mulock AO Room 1	Hunter Room	Ron Mulock AO Room 2
3:55 - 4:25 PM	REGISTRATIONS 8:30 am - 7:00 pm	Multi-Faceted Training Of Caver-Explorer <b>Bulychov, Sorokina</b>		Heat Waves In Caves: A Useful Tool <b>Cigna</b>	Karst In Southern Bali And In Nusa Penida, Sunda Islands, Indonesia <b>Mouret</b>	Piping Cave Development In A High Gradient Setting: Kutz Canyon, New Mexico, Usa <b>Medville</b>	Faunal Diversity On Arid Lands Caves In The Sonoran Desert, Mexico <b>Calva, Castillo</b>
4:25 - 4:55 PM		"Lights In The Darkness" Project Captures Images Of The Most Beautiful Caves In Brazil. <b>Zogbi, Calux, Guiraud, Crochet et al.</b>	Film: (Paolo Forti's Film) 50 Minutes	An Estimation Of Entropy Inflows Underground <b>Badino</b>	Fatuk-Kuak Hosi Timor Lorosa E: Caves Of Timor Leste <b>Freire, Pinto, Soares, Medeiros et al.</b>	Historical Notes And Research History Of The Non-Karst Caves In Hungary <b>Szentes</b>	Seasonal Variations In Species Abundance And Impact Of Large-Scale Visitation In Robber Baron Cave, Texas <b>Mitchell, Liu, Karlin</b>
4:55 - 5:25 PM		Ten Years Of Prospection, Exploration And Documentation Of Caves At Bulha D'água Region And Surroundings, Brazil. <b>Silverio, Camargo, Brandi</b>	Film: No Place On Earth (Chris Nicola) 84 Minutes	Geothermal Heat Flow In Caves: Modelling Of Geothermal Heat Flow <b>Michie</b>		Types Of Caves Present In Kalimantan Barat Province, Borneo, Indonesia <b>Mouret</b>	Invertebrate And Vertebrate Cave Fauna Records For The Appalachian Valley And Ridge <b>Engel, Niemiller, Zigler, Stephen et al.</b>
5:25 - 5:55 PM		Survey & Lidar Working Groups		Driving Pressure Of Subterranean Airflows: An Analysis <b>Badino</b>		Speleogenesis Underneath Basaltic Lava Flows In Niut Mountains, Kalimantan Barat, Borneo, Indonesia <b>Mouret</b>	Managing Wns-Related Increases In Bat-Human Contacts At Mammoth Cave National Park, Ky, USA <b>Toomey</b>
5:55 - 6:45 PM		Opening Of 16 Legs Exhibit 5.30 - 7.30				Pseudokarst Commission	WNS Working Group
6:45 - 7:30 PM					Speleootherapy		
7:30 - 8:00 PM		Salons					
8:00 - 8:30 PM							
8:30 - 9:00 PM							FSE Meeting 1
9:00 - 9:30 PM					FFS Night		
9:30 - 10:00 PM							
10:00 - 11:00 PM							

## Tuesday 25 July

Tuesday								
Time	Foyer	Marquee 1	Jamieson Room	Ron Mulock AO Room 1	Ron Mulock AO Room 2	Woodriff Room	Hunter Room	
09:00 - 09:30 AM	REGISTRATIONS 8:30 am - 7:00 pm	The Caveatron: An Integrated Cave Survey And Lidar Scanning Instrument <b>Mitchell, Gutting</b>	Sourcing Greenhouse Gases In Karst Systems <b>Fernandez-Cortes, Calaforra et al.</b>	Hypogene? Caves Modified By Meteoric Flows - Geomorphology Of Cliefden Caves And The Belubula River Valley <b>Houshold, Osborne</b>	Five Years Of Astronaut Training, Testing And Operations In The ESA Caves Program <b>Bessone, Sauro, De Waele</b>	The Southernmost Authigenic Karst Plateau Of The Levant <b>Frumkin</b>	Management Of Karst Environments Within NSW Parks And Reserves <b>Baker</b>	
09:30 - 10:00 AM		3D Cartography: Cavegeomap And Zeb1 Lidar <b>Acosta-Colón</b>	Reconstruction Of Laps Rates During The Pleistocene-Holocene Transition From Swiss Stalagmites By Noble Gases Analysis. <b>Ghadiri, Brenwald, Fleitmann, Kipfer</b>	Interpretation Of Regional Geomorphic Events From Dissolution Caves <b>Palmer</b>	Digital Terrain Model (Dtm) Morphometry Of Sinuous Pit Chains And Atypical Pit Craters Related To Colossal Inflated Lava Tubes On Mars <b>Sauro, Pozzobon, De Berardinis et al.</b>	The Rock Islands Of Belau (Palau), Western Pacific: Drowned Polygonal Karst? <b>Joan Mylroie, John Mylroie</b>	Conveying The Importance Of Stromatolites To Self-Guided Tourists In Nettle Cave, Jenolan, NSW <b>Barlow</b>	
10:00 - 10:15 AM		MORNING TEA BREAK						
10:15 - 10:45 AM		Application Of Lidar Data For Cave Entrance Identification <b>Čekada, Gostinčar, Ladišić</b>	Speleogenesis In Stockyard Gully National Park And Beekeepers Nature Reserve, Western Australia <b>Lipar, Webb</b>	Chronicling A History Of Karstification In Puerto Rico <b>Miller, Brocard, Willenbring</b>	What If The “Seven Sisters” Are Not Volcanic? A Look At Deep Hypogene Sinkholes In Arabia <b>Kempe</b>	The Cenote Project: Monitoring One Of The Deepest And High-Altitude Ice Cave Of The Italian Dolomites <b>Santagata, Sauro, Spotl, Daniela et al.</b>	Evaporite Karst Of The Emilia-Romagna Region (Italy): Why Should They Become A World Heritage? <b>Forti</b>	
10:45 - 11:15 AM		Comparison Of Shallow Geophysical Cave Detection Methods To 3D Lidar Mapping <b>Mitchell, Mitchell</b>	Timing Of Pliocene Sea-Level High-Stands In Western Mediterranean Using U-Pb Ages Of Cave Deposits From Mallorca Island <b>Onac, Polyak, Fornós, Dumitru et al.</b>	Age And Speleogenesis Of Gypsum Caves In Emilia-Romagna (N Italy) <b>Columbu, Chiarini, De Waele et al.</b>	A Theoretical Approach To Energy And Materials Flow And Consequent Biodiversity: Predictions For Caves On Earth And Other Planetary Bodies <b>Boston, Northup</b>	Tectonic Control Of The Permian Gypsum Karst Belt Along The Southern Margin Of The Harz-Mountains (Germany) <b>Hubrich, Kempe</b>	Karstcare - Cavers Looking After Caves And Karst <b>Wools-Cobb</b>	
11:15 - 11:45 AM		Exploring For New Caves On The Nullarbor Plain, Australia <b>N.White</b>	How Convective Cave Ventilation Effects Speleothem Growth <b>Waring</b>	Tracing Of The Cave Clastics: State Of The Art In The Moravian Karst <b>Otava</b>		Armenia Karst Project <b>Ruggieri, Daytyan, Ugujyan</b>	Good Practices For The Management Of Show Caves <b>Bartholeyns</b>	
11:45 - 12:15 PM		Mapping And Imaging The World's Largest Chambers In 3D <b>Walters</b>	Extreme Seasonal Fluctuations Of Carbon Dioxide In The Cave Atmosphere Of Cova De Sa Font (Sa Dragonera Islet, Balearic Islands, Spain) <b>Ginés, Mulet, Rodríguez-Homar</b>	Geothermal Heat Flow In Caves: Heat Concentration And Its Effects On Speleogenesis. <b>Michie</b>		The Glenelg Karst, South Eastern Australia. <b>S.White, Webb</b>	Crowd Perception And Visitation Quality For Social Carrying Capacity Of Caves At The Alto Ribeira Tourist State Park (Petar-Brasil): Preliminary Results <b>Lobo, Alves, Santos, Travassos</b>	
12:15 - 1:15 PM			Bibliography	Internet Team	Glacier, Firn & Ice Caves Commission	Pacific	IJS	
1:15 - 1:45 PM		LUNCH	Recent Developments In Speleothem Research <b>Woodhead, Hellstrom, Drysdale, Sniderman</b>	Exploring The Mechanisms And Consequences Of Cave Roof Collapses Using The National Corvette Museum Sinkhole Case Study <b>Polk, North, Kambesis, Ham, Federico</b>	Cave Monitoring Workshop - <b>N Michie And Others</b>	Highlights Of Romanian Caves And Karst <b>Ponta, Ursu</b>	The Karst Landscape Of The Southern Harz Mountains In Saxony-Anhalt, Germany — World-Wide Largest Biosphere Reserve On Sulphate Karst <b>Knolle et al.</b>	

Tuesday								
Time	Foyer	Marquee 1	Jamieson Room	Ron Mulock AO Room 1	Ron Mulock AO Room 2	Woodruff Room	Hunter Room	
1:45 - 2:15 PM	REGISTRATIONS 8:30 am - 7:00 pm	3-D Imaging As A Tool To Understand Speleogenetic Processes <b>Kempe, Bauer</b>	A Hypothesis On The Evolution Of Complex Flow-stones. <b>Forti</b>	United We Divide: Speleogenesis In The Vertical Vadose Zone <b>Häuselmann</b>	Cave Monitoring Workshop - N Michie And Others	Hypogenic Caves In Southern Levant Deserts <b>Frumkin, Langford, Lisker</b>	Caver Quest: A New Paradigm In Cave Interpretation <b>Peerman, Lipinski</b>	
2:15 - 2:45 PM		Three-Dimensional Cave Mapping Using Structure From Motion <b>Hellstrom</b>	The Genesis Of Hollow Stalagmites In Caves Of The Khammouane Karst, Laos <b>Mouret</b>	Karst Morphological Processes And Evolution Of The Limestone Massif Of Georgia From Depositional, Sedimentary, And Structural Investigations In Muradi Cave <b>Asanidze, Lezhava, Tsikarishvili et al.</b>		Some Outstanding Speleological Features Of Lebanon : Typical Semi-Arid Mediterranean Karst <b>Nader</b>	One Of Earth's Special Places <b>Carden, Chirozva</b>	
2:45 - 3:15 PM		Caveink - A Set Of Inkscape Extensions For Drawing Cave Maps <b>Golicz</b>	Multilevel Karst System Evolution In Relationship To Palaeo-Climate And Palaeo-Geography: Hints From A 500 Ky Speleothem Record From The Piani Eterni Karst System, Belluno Dolomites, Italy <b>Sauro, Lundberg, De Waele, Columbu</b>	Why We Should Thank A Proteozoic Meteorite For The Caves At Assynt, Nw Scotland, Uk <b>Faulkner</b>		Features, Exploitation And Protection Of Karst Caves In China <b>Jiang</b>	Evaluating The Status Of Cave And Karst Protection In The United States Of America <b>Seiser</b>	
3:15 - 3:30 PM		AFTERNOON TEA BREAK						
3:30 - 4:00 PM		World's First Geophysical Survey Of Bat Guano: Phase 1 And 2 Results <b>Veni</b>	A Multiproxy Analysis Of Holocene Stalagmites From Bosnia And Herzegovina <b>Chiarini, De Waele Couchoud, Frisia, Drysdale et al.</b>	Cave Diving Commission (2 Hrs)	Documentation Workshop	Cave Of The Maratua Island, East Kalimantan-Indonesia <b>Haryono, Sasongko, Harjanta, Zaenuri et al.</b>	Contribution To Cave Development For Tourism In Laos <b>Mouret</b>	
4:00 - 4:30 PM		Recent Explorations In The Xe Bang Fai Cave System, Laos <b>Bolger</b>	Geothermal Heat Flow In Caves: The Physics Of The Geothermal Rims In Carlsbad Cavern. <b>Michie</b>			The Significance Of The Tiankeng Group Discovery In Hanzhong Of Central China <b>Zhang</b>	Cave Exploration In Sangkulirang-Mangkalihat Peninsula, East Kalimantan-Indonesia <b>Reinhart</b>	
4:30 - 5:00 PM		Humba Cave Project— Cave Expedition In Sumba Island, Indonesia <b>Baba, Kuroki</b>	Geochronology Of Jinfo Cave, The Oldest Cave In China <b>Huang</b>			Mechanism Analysis Of Large Scale Sinkhole Formation, Laibin, Guangxi, China <b>Lei et al.</b>	Speleolithophones Gua Tabuhan, Traditional Music In Prehistoric Sites Gunung Sewu Karst Area <b>Yuniat</b>	
5:00 - 5:30 PM		Cave Exploration In Xiaonanhai Karst Area, Shaanxi Province, China <b>Motycka, Filippi, Hai</b>	Posters - Topics BIOS, ARCH, VOLC, PSEU	Physical Chemistry Commission	Data Exchange Working Group	Desert Caves Studies In The Kingdom Of Saudi Arabia <b>Alshanti</b>		
5:30 - 6:00 PM	Posters - Topics MGMT, SDK, CLIM, MODL	Arts and Letters				ISCA		
6:00 - 6:30 PM								

Tuesday							
Time	Foyer	Marquee 1	Jamieson Room	Ron Mulock AO Room 1	Ron Mulock AO Room 2	Woodriff Room	Hunter Room
6:30 - 7:00 PM		Book Launches will be held in the Marquee from 6:00 PM to 8:00 PM					
7:00 - 7:30 PM							
7:30 - 8:00 PM							
8:00 - 8:30 PM				16 Legs Screening 1h 45 m (8:00 - 10:00 PM)			
8:30 - 9:00 PM							
9:00 - 10:00 PM							

# Thursday 27th July

Thursday								
Time	Foyer	Marquee 1	Jamieson Room	Ron Mulock AO Room 1	Ron Mulock AO Room 2	Woodriff Room	Hunter Room	
09:00 - 09:30 AM	REGISTRATIONS 8:30 am - 7:00 pm	Exploration Of The Cliff Caves Of The Nullarbor <b>Milner</b>	European Cave Rescue Association - Mature Organization <b>Novosel, Hegedus, Merela, Ubertino, Dennstedt et al.</b>	Cave Development In Two Highly Contrasting Epigenic Limestone Lithologies <b>Faulkner</b>	Palaeontology Of Northeastern Australian Caves <b>Price, Louys</b>	A Karst Hydrogeologic Investigation To Support Risk Assessment At Patoka Dam, Indiana. <b>Bledsoe, Groves, Henn, Rowe</b>	Student And Public Engagement Through Cave Microbiology Research At Thompson Rivers University, Canada <b>Cheeptham</b>	
09:30 - 10:00 AM		Cave Exploration In The Amari Region Of Central Crete And Its Connection With Australian Soldiers In The Aftermath Of The Battle Of Crete. <b>Cadas</b>	Procedure And Organisational Structures Of The Rescue In The Riesending Cave <b>Wolf, Vogel, Knolle</b>	Shallow Caves And Blowholes On The Nullarbor Plain, Australia — Flank Margin Caves On A Low Gradient Limestone Platform <b>Burnett, Webb, White</b>	Forensic Speleology— Research Of Caves With Ww I Human Remains In Slovenia <b>Mihevc</b>	Measurement Of The Atmospheric CO <sub>2</sub> Sink From Carbonate Mineral Weathering For Large River Basins: The Ohio River, USA <b>Turner</b>	Missouri Cave Database— A Comprehensive Tool For Cave Management. <b>Sutton, House</b>	
10:00 - 10:15 AM		MORNING TEA BREAK						
10:15 - 10:45 AM		Caves In Bolikham-sai Province, Laos <b>Chikano</b>	Perceptions And Recommendations After The Cave Rescue In Riesending Cave <b>Wolf, Vogel, Knolle</b>	Flank Margin Caves In Telogenetic Limestones In Italy <b>Parise, Arriolabengoa, D'angeli et al.</b>	Differential Preservation Of Vertebrates In Southeast Asian Caves <b>Louys, Kealy, O'connor, Price et al.</b>	Evolution, Development, And Decay Of The Caves And Karst Of The Greenbrier Valley, West Virginia, USA <b>W &amp; E White</b>	Smart Monitoring Of Cave Habitats - The Vdhk Smartphone App <b>Vogel, Zaenker, Zaenker, Ipsen, Wolf et al.</b>	
10:45 - 11:15 AM		Common Characteristics Of Successful Sump Diving Projects, A Story Of Main Drain Cave, Utah, U.S.A. <b>Krejca</b>	The Publications Exchange Working Group <b>Faulkner</b>	Carbonate Host-rock Weathering By Sea Salts Precipitation In El Orón-Arco Cave (Cartagena, SE Spain) <b>Gázquez, Calaforra, Rull, Medina et al.</b>	Nova Spilja (New Cave) From 1882 - In Croatia <b>Watz</b>	Origin Of Enigmatic Caves Of The Far Western United States <b>Kambesis, Despaigne</b>	Methodological Planning For The Public Use Of Caves And Karst Based On Spatial Analysis Maps <b>Silverio</b>	
11:15 - 11:45 AM		New Discoveries In The Splinter Section Of Jewel Cave, South Dakota <b>Wiles</b>	Linked Data, The Semantic Web, And The Karst Information Portal <b>Boczar, Veni</b>	Pre-Quaternary, Hypogenetic Caves In South Norway <b>Lauritzen, Dahlgren</b>	Timing Of Fossil Emplacement At Toca Da Boa Vista Cave System In Northeastern Brazil <b>Auler</b>	Hydrogeochemical And Isotopic Characterization Of The Tapalquiá Creek Upper Basin And Its Associated Karst, Buenos Aires, Argentina <b>Glok Galli, Barredo, Martínez, Trezza</b>	White-Nose Syndrome Response At Mammoth Cave National Park (USA) <b>Toomey, Clark</b>	
11:45 - 12:15 PM		Fort Stanton Cave: World Class <b>Peerman</b>	Contribution To The Study Of The Organization Of The Karstic Network In Tunisia <b>Sbei</b>	Are There Any Pre-Quaternary Caves In Scandinavia? <b>Faulkner</b>	Dating Paleolithic Cave Art In Shulgan-Tash Cave, Ural, Russia <b>Dublyansky, Moseley, Spötl et al.</b>	Cave Sediments In Skocjanske Jame And Unroofed Caves Above Them, Sw Slovenia <b>Zupan Hajna, Mihevc, Pruner, Bosák</b>	International Cave Conservation And Restoration Course In Brazil <b>Hildreth-Werker, Werker, Alt, Moura</b>	
12:15 - 1:15 PM		LUNCH BREAK	Scientific Committee				Cave Protection Commission	
1:15 - 1:45 PM		New Findings In Exploration Of The Bjuriälven Valley Caves (Sweden) <b>Gorski, Lenander, Fröjdenlund, Thor</b>	Caves And Geotourism <b>Brick</b>	The Oldest Meteoric Caves In Norway? The Reingardslia Cave Documentation Project. <b>Lauritzen, Skoglund, Heggstad et al.</b>	A Speleo-Archaeology Study Of Kali Banjar Underground River: Approach On The Research Of Site Formation Process <b>Wibisono</b>	Exploration Of The Caves Of Isla De Mona, Puerto Rico <b>Kambesis</b>	Cave Access Challenges At Sistema Huautla, Mexico <b>Steele</b>	

Thursday								
Time	Foyer	Marquee 1	Jamieson Room	Ron Mulock AO Room 1	Ron Mulock AO Room 2	Woodriff Room	Hunter Room	
1:45 - 2:15 PM	REGISTRATIONS 8:30 am - 7:00 pm	La Venta Association, 25 Years Of Exploration, Research And Protection Projects <b>Sauro, Forti, De Vivo, Bernabei <i>et al.</i></b>	A Verbal Dispute Between A Bat And A Partridge: A Sceptic Allegorical Poem From Medieval Period <b>Aretaki</b>	Evaluation Of Possible Ongoing Upwards Condensation Corrosion In Cueva Del Pastor (Iberian Chain), Spain <b>Budahn, Sasowsky <i>et al.</i></b>		The Jasov Plateau In The Slovak Karst As An Experimental Area For The Denudation Dynamic Research <b>Gessert, Hochmuth</b>	Application Cave Ecosystem Profile Of Anjani Cave In Karst Jonggrangan, Central Java, Indonesia <b>Reinhart</b>	
2:15 - 2:45 PM		Recent Progress In Polish Cave Exploration Projects In Northern Limestone Alps <b>Golicz</b>	Caving Activities As A Support For The Analysis Of Natural And Anthropogenic Disasters <b>Parise</b>	The Origin Of Jewel Cave And Its Relationship To Landscape-Scale Processes - Part 1 <b>Wiles</b>	Archaeology & Paleontology Commission	Some New Caves Under The Dubrovnik City Airport In The Dinaric Karst Of Croatia <b>Garasic, Garasic</b>	Speleo Education In Hungary <b>Hegedus</b>	
2:45 - 3:15 PM		International Cave Search And Rescue Team Slovenia <b>Merela, Zakrajsek</b>	16Th Ics Brno Watz Note: Short Documentary Film	The Origin Of Jewel Cave And Its Relationship To Landscape-Scale Processes - Part 2 <b>Wiles</b>		Complex Investigations In Novoafonskaya Cave (Western Caucasus) <b>Mavlyudov, Kuderrina, Kadebskaya <i>et al.</i></b>	The Journey To Preserve Puerto Rico's Santa Rosa Cave System <b>Babilonia</b>	
3:15 - 3:30 PM		AFTERNOON TEA BREAK						
3:30 - 4:00 PM		Caving Expedition To The Humpata Plateau, Angola <b>Pinto, Freire, Andrade, Francisco <i>et al.</i></b>	The Pss And The 16Th Year Of The Annual Philippine National Cave Congress. <b>Bontuyan</b>				Karst Hydrology In Sub-Arctic Norway <b>Skoglund, Lauritzen</b>	Nakanai Cave/ Karst Country, New Britain, Png: An Anthropological Perspective <b>Tsang</b>
4:00 - 4:30 PM		Caving And Cave Exploration In Pakistan <b>Durrani, Brooks</b>	Can The UIS Also Become A Sports Body And Why Should It? <b>van Waardenburg</b>	Speleogenesis Commission	Informatics Commission		Use Of Cave Animal Marifugia Cavatica For Reconstruction Of Pliocene To Recent Evolution Of Karst Relief In W Slovenia <b>Mihevc</b>	Detection Of Human Activities Impact On Show Caves Environment In Pacitan, Indonesia <b>Kurniawan</b>
4:30 - 5:00 PM		The Caves Of Armenia <b>Chavdarian</b>	Restructuring The UIS <b>van Waardenburg</b>		Dictionary Working Group	IUCN Caves and Karst Special Interest Group	Morphology Of Merabu Karst Mountain, Mangkalihat Peninsula, East Kalimantan-Indonesia <b>Haryono, Zulqisthi, Hakim, Sasongko <i>et al.</i></b>	Cultural Karst Landscape: A New Methodology On Social Science Research In Tropical Karst Region <b>Kumai</b>
5:00 - 5:30 PM		2013 To 2016 speleological explorations in khammouane, laos <b>Mouret, vacquié</b>	Is in cave competition really unacceptable? <b>Van waardenburg</b>					
5:30 - 6:30 PM		Posters - topic EXPL, SURV, GMIC, MINR		Education Commission			Cave Mineralogy Commission	
6:30 - 7:30 PM		Posters - topic STHM, CARB, SGEN. OTHR						
7:30 - 8:00 PM	Posters pickup		FEALC				FSE meeting 2	
8:00 - 11:00 PM			AUSTRALIA NIGHT - 8PM JOHN CUGLEY & OTHERS (TILL 11 PM)					



# Friday 28th July

Friday								
Time	Foyer	Marquee	Jamieson Room	Ron Mulock AO Room 1	Ron Mulock AO Room 2	Hunter Room	Woodriff Room	
09:00 - 09:30 AM	REGISTRATIONS CLOSED	NOT AVAILABLE ALL DAY FOR BANQUET SET UP	Adipocere As A Group Ix Cave Mineral And Precursor For Calcification On Bone <b>Lauritzen</b>	Karstic Cave: Life And Soil Environment <b>Acosta-Colón</b>	A 100-Km-Long Subterranean Roman Aqueduct In Norther Jordan? <b>Kempe, Al-Malabeh</b>	Hermann Bock, A Forgotten Precursor Of Cave Meteorology <b>Cigna</b>	What's Up With Antibiotics In Caves? <b>Barton, Lowry</b>	
09:30 - 10:00 AM			Ikaite In Old And Newly Formed Ice Deposit Of Scarisoara Ice Cave, Romania <b>Onac, Wynn</b>	Life In Darkness - A Biospeleology Project In The Bavarian Alps <b>Vogel, Zaenker, Ipsen, Wolf, Knolle</b>	A Third Kind Of Cave In The World: Anthropogenic <b>Brick</b>	The Karstological Subterranean Laboratory Of Bossea Cave (N Italy) <b>Vigna, Peano, De Waele</b>	Can Fermenting Bacteria Drive Speleogenesis In Fe(III)-Rich Rocks? <b>Parker</b>	
10:00 - 10:15 AM			MORNING TEA BREAK					
10:15 - 10:45 AM			Secondary Minerals From Italian Sulfuric Acid Caves <b>D'Angeli, De Waele, Carbone, Parise et al.</b>	Fungal Diversity In Caves And On Hibernating Bats In North America <b>Vanderwolf, Mcalpine, Malloch, Lorch</b>	Hypogea 2015 And 2017: A Short, But Very Intense, History <b>Parise, Bixio, Galeazzi, Yamac</b>	Cavers For Cavers - 50 Years Of UIS Cave Rescue Commission <b>Hegedus</b>	Cryptic Microbes In Cave Minerals <b>Northup</b>	
10:45 - 11:15 AM			Secondary Minerals From Halite Caves In The Atacama Desert (Chile) <b>De Waele, Carbone, Sanna, Vattano et al.</b>	Taxonomic Review Of The Cave-Dwelling Springtail Family Tomoceridae (Collembola) In Korea <b>Chang, Choi, Kim, Park</b>	The Complexity Of Pyroduct ("Lava Tube") Genesis: Bird Park Cave, Hawaii Volcanoes National Park <b>Kempe, Ketz-Kempe, Shick, Gasser</b>	Cave Exploration During The Little Ice Age <b>Brick</b>	Rock-Powered Life In The Vadose Zone At Wishing Well Cave, Va (USA) <b>Macalady, Golestani, Winter, Cardman et al.</b>	
11:15 - 11:45 AM			A Native Aluminum Occurrence In Roraima South Cave, Venezuela <b>Urbani, Onac</b>	Cave Animal Of The Year From National To International? <b>Vogel, Zaenker, Ipsen, Wolf, Knolle</b>	Outstanding Universal Values Of Some Lava Tube Caves In Jeju Island For Potential World Heritage Extension <b>Woo</b>	The Lost Pot Of The Sinkhole Of The Stream "Rhi«Ne" <b>Chirol</b>	Exploring The Microbial Diversity Featuring The Geochemical Complexity Of The Quartz-Sandstone Cave Imawariá <b>Yeuta, Auyan Tepui, Venezuela Ghezzi, Sauro, Zowawi, Hong et al.</b>	
11:45 - 12:15 PM			Uricite From Gaura Turanului, Nw Romania <b>Tămaș, Giurgiu, Barbu-Tudoran, Mureșan</b>	Use Of Cave Environments By Vertebrate Animals: Examples From Jenolan Caves, Australia <b>Musser</b>		The Oldest Cave Map <b>Chirol</b>	Biosignature Potential In Sulfur Isotopes Of Cave Gypsum <b>Macalady, Mansor, Fantle</b>	
12:15 - 1:15 PM			Materials & Techniques	Biology Commission	Volcanic Cave Commission	Publications Exchange Working Group	Artificial Cavities Commission	
1:15 - 1:45 PM			Speleogenesis By Weathering Of Upper Cretaceous, Coniacian Limestone, Dordogne, France <b>Mouret, Rolin</b>	Subterranean And Surface Cryptopid Centipede Diversity In Western Australia. <b>Moulds, Huey, Hillyer, Waldock, Harvey</b>	Geoheritage Significance Of The Cliefden Caves, Nsw, Australia <b>Osborne</b>	Is The Inscription Dated 1213 In Postojnska Jama The Oldest Known Or Not? <b>Kempe</b>	Biogeography Of Microbes From Caves In The Interior Low Plateau And Appalachians Karst Regions <b>Engel, Paterson, Niemiller</b>	

Friday								
Time	Foyer	Marquee	Jamieson Room	Ron Mulock AO Room 1	Ron Mulock AO Room 2	Hunter Room	Woodriff Room	
1:45 - 2:15 Pm	REGISTRATIONS CLOSED	NOT AVAILABLE ALL DAY FOR BANQUET SET UP	The New Insights About Deep Karst Springs In The Dinaric Karst Of Croatia <b>Garasic, Garasic</b>	Environmental Metagenomics Of The Chemolitho-autotrophically Based Ecosystem Of Ayalon Cave, Israel <b>Paterson, Kolodny, Na'aman, Frumkin et al.</b>	Karst Underground Protection, Education And Rise Of Public Awareness; Examples From Slovenia <b>Zupan Hajna</b>	The East German Secret Service (Stasi) And Its Focus On Cavers And Cave Science <b>Knolle</b>	Next-Generation Sequencing for Microbial Characterization of Biovermiculations from a Sulfuric Acid Cave in Apulia (Italy). <b>D'Angeli, De Waele, Ieva, Leuko, Cappelletti, Parise, Jurado, Miller, Saiz-Jimenez.</b>	
2:15 - 2:45 Pm			Presentation Of The Karst In Morocco And The Friouato And Wintimdouine Caves <b>Aamoum</b>	Starving In The Dark: The Impact Of Ultra-Small Cells On The Microbial Community Of The Wind Cave Lakes <b>Hershey, Barton, Calapa</b>	Support For Sustainable Eco-Tourism In Ppur (Puerto Princesa Underground River) - Project 2016-2017 <b>De Vivo, Forti, Piccini</b>	Cyprus Caving History <b>Chirol</b>	Microbiology & Geomicrobiology	
2:45 - 3:15 Pm			Longest And Deepest Cave Commission	Microhabitat Distribution Of Invertebrates In White Cave, Mammoth Cave National Park, USA <b>Lavoie, Huang, Huang</b>	Evaluating Human-Environmental Impacts To The Karst Landscape Of Phong Nha-Ke Bang National Park, Vietnam Using A Modified Karst Disturbance Index Methodology: Implications For Sustainable Tourism <b>North, Polk, Vu Thi Minh, Tong Phuc et al.</b>	The Prehistory Of Cave Fauna Paradigms <b>Brick</b>		
3:15 - 3:30 PM			AFTERNOON TEA BREAK					
3:30 - 4:00 PM			Longest and Deepest Cave Commission	Water Quality Evaluation Of Chichimachida Rimstone Pools In Akiyoshi Cave, Japan, Using Physicochemical And Biological Index <b>Ando</b>	Index Of The Sustainable Use Of Karst Environments <b>van Beynen</b>	The Secret Of Priest's Grotto - An Account Of Underground Survival During The Holocaust <b>Nicola</b>	Cave Rescue Commission	
4:00 - 4:30 PM			The Gcwhaba Caves Research Project: Past, Present And Future Research Undertakings <b>Du Preez, Fourie, Ellis, Jacobs</b>	Zivo! - Life And Water In The Karst Region <b>Zupan Hajna, Petrič, Ravbar</b>	A Preliminary Report On The Mammoth Cave During The American Civil War Project <b>Douglas</b>			
4:30 - 5:00 PM			Paleokarst Commission	Finspac Through The Ages <b>Alkantana</b>	50Th Anniversary Of The UIS <b>Watz</b>	Women And Caving: A World History <b>Chirol</b>		
5:00 - 5:30 PM			CONGRESS BANQUET					
5:30 - 6:30 PM								
6:30 - 11.00 PM								

## Saturday 29th July

Time	Ron Mulock AO Room (ALL)
09:00 - 10AM	SECOND GENERAL UIS ASSEMBLY & CLOSING CEREMONY
09:30 - 10:00 AM	
10:00 - 10:15 AM	
10:15 - 10:55 AM	
10:55 - 11:10 AM	
11:10 - 11:50 AM	
11:50 - 12:30 PM	LUNCH
12:30 - 1:30 PM	FULL UIS BUREAU MEETING
1:30 - 1:40 PM	
1:40 - 2:10 PM	
2:10 - 2:40 PM	
2:40 - 3:10 PM	
3:10 - 3:40 PM	
3:40 - 3:55 PM	
3:55 - 4:25 PM	
4:25 - 4:55 PM	
4:55 - 5:25 PM	
5:25 - 5:55 PM	