

# PROGRAM

# 10<sup>th</sup>

INTERNATIONAL • CONGRESS  
• ON • THE

# Jurassic

SYSTEM

FEBRUARY 4 TO 9 2018.

VENUE CENTRO CULTURAL BICENTENARIO, UASLP.  
SAN LUIS POTOSÍ, MEXICO.



**ISJS** International  
Subcommission  
on Jurassic  
Stratigraphy



# 10 INTERNATIONAL · CONGRESS ON · THE Jurassic SYSTEM

## GENERAL PROGRAM

CENTRO CULTURAL BICENTENARIO VENUE									
Schedule	January 31 to February 3th	February 4th	February 5th	February 6th	February 7th	February 8th	February 9th	February 10-13th	
09:00-10:00	Precongress field trips		Opening Ceremony	Technical sessions	Middle excursion Geo-tourism & Mexican party at Hacienda Peotillos	Technical sessions	Technical sessions	Postcongress field trip	
10:00-11:00			Inaugural Conferences						
11:00-11:30			Coffee break	Coffee break		Coffee break	Coffee break		
11:30-12:30			Inaugural Conferences	Technical sessions		Technical sessions	Technical sessions		Technical sessions
12:30-13:30			Inaugural Conferences						
13:30-14:30			Inaugural Conferences						
14:30-16:00			Lunch break	Lunch break		Lunch break	Lunch break		Closing Ceremony
16:00-18:00		Registration at Hilton Venue	Technical sessions	Technical sessions		Poster sessions			
18:00-20:00		Ice Breaker Reception							Farewell cocktail





# 10 INTERNATIONAL · CONGRESS ON · THE Jurassic SYSTEM

Monday February 5th

Schedule		CENTRO CULTURAL BICENTENARIO Plenary Room	
09:30-10:00		Opening Ceremony	
10:00-11:00		The Pre-Mesozoic deep crustal foundations of Mexico Fernando Ortega-Gutiérrez	
11:00-11:30		Coffee break at lobby	
11:30-12:30		Overview of the geological evolution of Mexico Dante J. Morán-Zenteno	
12:30-13:30		The Jurassic History of Mexico Timothy F. Lawton	
13:30-14:30		Petroleum Significance of Mexico's Jurassic System Javier J. Meneses-Rocha	
14:30-16:00		Lunch break at lobby	
Schedule		BURCKHARDT ROOM Chair of the session Matthias Alberti	CASTILLO & AGUILERA ROOM Chair of the session Macario Rocha
16:00-16:20	Recurrent hardgrounds and their significance for intra-basinal correlations: A case study of Upper Bathonian rocks from the western margin of the Indian Craton D.K. Pandey, F.T. Fürsich, M. Alberti, J.K. Sharma and N. Swami		Tectonic and structural control for the development of sedimentary sequences during the Mesozoic in one portion of the Tampico-Misantla Basin, Eastern Mexico I. Canales-García and G.A. Pérez-Cruz
16:20-16:40	The systematic and taxonomic revision of the Lower Bajocian type species of Sonniniids (Ammonitina, Cephalopods) described by W. WAAGEN 1867 D. Sadki and A. Nützel		Sinistral normal block motion of crustal blocks in southern Mexico during Pangea breakup: new evidence from sandstone provenance analysis of the Tezoatlán Basin M. Zepeda-Martínez, M. Martini and L. Solari





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## Tuesday February 6th

Schedule	BURCKHARDT ROOM Chair of the session Dharendra K. Pandey	CASTILLO & AGUILERA ROOM Chair of the session Gustavo Murillo Muñetón
09:00-9:20	Belemnites from the Lower Bajocian of the Cook Inlet region and the Talkeetna Mountains, Southcentral Alaska O.S. Dzyuba, C.D. Schraer, C.P. Hults, R.B. Blodgett, D.J. Schraer	Early-Middle Jurassic Inception of the Gulf of Mexico in Tlaxiaco Basin, Oaxaca, Mexico A.O. Vite-del Angel and J. Rueda-Gaxiola
9:20-9:40	The history of the Middle Jurassic belemnite faunas on the Russian Platform, with special stress on the paleobiogeography P. Ippolitov Alexei	Jurassic Stratigraphy and Tectonics of the Mexico-USA Border Region Timothy F. Lawton
9:40-10:00	An ammonite fauna of the "Goldschneckenton" (Lower Callovian, Middle Jurassic) from Uetzing (Franconia, Germany) G. Dietl and E. Mönig	Late Jurassic rifting in Chihuahua, México M. Franco-Rubio, A. Oviedo, M.Y. Montelongo-Flores, R. Juárez-Martínez and L.A. Llamas-Jiménez
10:00-10:20	The Sonniniidae (Hammatoceratoidea, Ammonitida) of the southern Spain (westernmost Tethys): taxonomy and biostratigraphy J. Sandoval and L. O'Dogherty	Role of Jurassic Paleogeography and Stratigraphy in the development of structural styles along the western margin of the Burgos Basin, NE Mexico G.A. Pérez-Cruz
10:20-10:40	Cephalopods of the Triassic-Jurassic boundary in west-central Argentina A.C. Riccardi	Organization local, regional and global of the geological events from Huizachal-Peregrina and Diquiyú anticlinoriated sedimentary sequences during Late Triassic-Late Jurassic, based on the Scalar Typological Method J.J. Silva-Sosa and J. Rueda-Gaxiola
10:40-11:00	Triassic/Jurassic bivalve extinction and recovery in the Neuquén Basin, Argentina S.E. Damborenea, J. Echevarría and S. Ros-Franch	Early Jurassic volcanic arc successions in western San Luis Potosí, Mexico J.R. Barboza-Gudiño, A. Zavala-Monsiváis, V. Castellanos-Rodríguez, D. Jaime-Rodríguez
11:00-11:30	Coffee break	





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Schedule	BURCKHARDT ROOM Chair of the session Dharendra K. Pandey	CASTILLO & AGUILERA ROOM Chair of the session Gustavo Murillo Muñetón
11:30-11:50	Early Jurassic trigoniids from southern South America: their recovery after extinction and its bearing on the evolution of the group J. Echevarría, S.E. Damborenea and M.O. Manceñido	Sediment provenance of Triassic and Jurassic sandstones in Central Mexico during activity of the Nazas volcanic arc M. Wengler, J.R. Barboza-Gudiño, T.B. Thomsen and G. Meinhol
11:50-12:10	Ecological change within assemblages of brachiopods and molluscs across the Early Toarcian (Early Jurassic) extinction event in the Lusitanian Basin, Portugal M. Aberhan, V. Piazza and L.V. Duarte	Provenance analysis of Jurassic sandstones from the Otlaltepec Basin, southern Mexico: Implications for the reconstruction of Pangea break-up M. Martini, M. Ramírez-Calderón and L. Solari
12:10-12:30	Diverse records of the Toarcian (Early Jurassic) Jenkyns Event in Hungary J. Pálffy, T. Müller, G.D. Price, D. Bajnai, D. Kesjár, A. Nyerges, S. Karancz, M. Leskó and N. Zajzon	Provenance and age of the continental Jurassic deposits from Galeana-San Marcos, Aramberri and Huizachal valleys, NE Mexico M. Domènech, A.J. Martin, D. Gómez-Gras and D.F. Stockli
12:30-12:50	Paleofloristic comparison between the Otlaltepec and Ayuquila basins, Middle Jurassic, Oaxaca, México P. Velasco-de-León, E.L. Ortiz-Martínez and D.E. Lozano-Carmona	Lithostratigraphy study of the Tecocoyunca Group (Middle Jurassic) in the Numi river area (close of Tlaxiaco), Oaxaca, and considerations about the regional distribution of the biota R.S. Carrasco-Ramírez, I. Ferrusquía-Villafranca, B.E. Buitrón-Sánchez and J.E. Ruiz-González
12:50-13:10		Boreal–Tethyan correlation of the Lower Bathonian: paleontological and non-paleontological data from the Sokur section, Central Russia B.N. Shurygin, V.V. Mitta, O.S. Dzyuba, A.Yu. Guzhikov, A.G. Manikin, L.A. Glinskikh, V.A. Grishchenko, I.N. Kosenko, V.V. Kostyleva, V.B. Seltzer, A.M. Surinskii and O.S. Urman
13:10-15:00	Lunch break	





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Tuesday February 6th

Schedule	<b>BURCKHARDT ROOM</b> Chair of the session Ewa Glowniak	<b>CASTILLO &amp; AGUILERA ROOM</b> Chair of the session Miguel Manceñido
15:00-15:20	Jurassic conifer woods of the Rosario Formation from Oaxaca, southern Mexico C. Ríos-Santos and S. Cevallos-Ferriz	Regional stratigraphic scheme of the Middle (Callovian) and Upper Jurassic of the Russian part of Caucasus (author's version): problems and prospects for their solution V. Ja. Vuks
15:20-15:40	Preliminary study of a new lithostratigraphic unit from the Jurassic in Tlapa de Comonfort, Guerrero, México P.C. Martínez-Martínez , P. Velasco-de León, D.E. Lozano-Carmona and E.L. Ortiz-Martínez	Fossils witnessed the major formation processes of Tibetan Plateau J. Sha
15:40-16:00	Notoemys tlaxiacoensis, the oldest turtle from Mexico, Late Jurassic (Kimmeridgian) O.A. López-Conde, J. Sterli, J. Alvarado-Ortega and M.L. Chavarría-Arellano	<b>Jurassic Petroleum Geology Symposium</b>
16:00-16:20	Jurassic Dinosaurs of Thailand P. Chanthasit, V. Suteethorn and S. Suteethorn	Data from subsurface in the southern part of Tampico-Misantla basin, Mexico C.M. Tejada-Galicia
16:20-16:40	Review of the Jurassic climates of Siberia M.A. Rogov and V.A. Zakharov	Jurassic Paleogeography of Central East Mesozoic Basin of Mexico J. Patiño-Ruíz
16:40-17:00	Low-latitude seawater temperatures during the Jurassic: the stable isotope record of northern Gondwana M. Alberti, F.T. Fürsich, A.A. Abdelhady and N. Andersen	Some Remarks about the Upper Jurassic in the Zongolica Fold and Thrust Belt from the View of Petroleum Geology J. Toriz-Gama, J.J. Meneses-Rocha, D. Rodríguez-Figueroa, S. Rivera-Cruz, R. Martínez and J.A. Galindo-Hernández
17:00-17:20	Lower Jurassic record of environmental and climatic changes from Poland G. Pieńkowski, P. Brański, S. Hesselbo, M. Hodob, M. Barbacka and M. Leng	





# 10 INTERNATIONAL · CONGRESS ON · THE Jurassic SYSTEM

Thursday February 8th

Schedule	BURCKHARDT ROOM Chair of the session István Fózy	CASTILLO & AGUILERA ROOM Chair of the session Sandra Ortega Lucach
09:00-09:20	Agglutinated foraminiferal morphogroups and microfacies analysis of a Lower Jurassic ammonitico rosso section from the Perşani Mts. (Eastern Carpathians, Romania) O. Réka-Nagy, L. Silye, R. Tomas and J. Pálfy	Contributions of petroleum geology to the understanding of Tlaxiaco basin's Jurassic System J.J. Meneses-Rocha and C.T. Williams-Rojas
09:20-9:40	Importance of the calcareous dinoflagellate cysts and the pelagic bioturbated facies to date the Upper Jurassic-lowermost Berriasian deposits in the Tethyan realm M. Benzaggagh, S.B. Abdesselam-Mahdaouid, C. Homberg and T. Hssaida	The Sonda de Campeche: A natural laboratory to quantify the generation and storage of hydrocarbons derived from Upper Jurassic rocks D.M. Santamaría
09:40-10:00	Sedimentological and biostratigraphic study of the Upper Jurassic Pimienta Formation in Mazatepec, Puebla, Mexico G. Abascal-Hernández, J.M. León-Francisco, S. Franco-Navarrete, R. Torres-Vargas and G. Murillo-Muñetón	Contributions of petroleum geology to Jurassic System knowledge in southeastern Mexico C.T. Williams-Rojas and J.J. Meneses-Rocha
10:00-10:20	Approaching paleoenvironmental conditions across the Jurassic-Cretaceous boundary in epicontinental deposits north of Veracruz, east-central Mexico F. Olóriz, A.B. Villaseñor, J. Jeremiah, A. Delgado-Huertas, R. Molina-Garza and J.M. Rosales	Identification of the hydrocarbon hoard in stratigraphic and mixed traps, in Jurassic facies, Campeche, México J.J. Ríos-López, L. Juárez, G. Hernández and C. Acevedo
10:20-10:40	Outcrops of the Upper Jurassic Pimienta Formation as analogues of the unconventional petroleum systems of eastern Mexico and their use for the calibration of the subsurface geological models G. Murillo-Muñetón, R. Torres-Vargas, G. Abascal-Hernández, J.M. León-Francisco, E. Rosales-Contreras, H. Alzaga-Ruiz and M.E. Vázquez-Meneses	<b>End of the Jurassic Petroleum Geology Symposium</b>
10:40-11:00	Stratigraphic potential of radiolarians for defining the Jurassic/Cretaceous Boundary: phylitic analysis in the western Pacific and eastern Tethys A. Matsuoka	Diversity of Sinoalidae (Insecta: Hemiptera: Cercopoidea) from the mid-Jurassic Daohugou beds of China Y. Fu and D. Huang
11:00-11:30	Coffee break at lobby	





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Schedule	BURCKHARDT ROOM Chair of the session István Fözy	CASTILLO & AGUILERA ROOM Chair of the session Sandra Ortega Lucach
11:30-11:50	Paleoenvironmental conditions across the Jurassic-Cretaceous boundary in central-eastern Mexico M. Martínez-Yáñez, F. Núñez-Useche, R. López-Martínez and R.D. Gardner	Review of stratigraphic study of Doi Phu Nang National Park Protection Unit (Dinosaur) and U/Pb Age Dating of Kanguang Rhyolite, Chiang Muan District, Phayao Province, Northern Thailand P. Ditbanjong, Ch., Y. Noda and S. Kawabe
11:50-12:10	Saccocomid crinoid sections and biozones of the Upper Jurassic in the western Tethyan realm M. Benzaggagh, C. Homberg and S.B. Abdesselam-Mahdaoud	New U-Pb zircon ages from volcanic ashes and other ammonite-bearing strata, Jurassic Cordilleran foreland basin of western interior Western Canada T.P. Poulton, D.I. Pana, L. Heaman and A. Dufrane
12:10-12:30	Mexican "Kossmatia": an updated interpretation A.B. Villaseñor and F. Olóriz	Carbon isotope stratigraphy across the Triassic-Jurassic boundary: A new global $\delta^{13}C$ stack for correlation and tracking carbon cycle perturbations J. Pálffy, Z. Kovács and Á.T. Kocsis
12:30-12:50	Tithonian ammonites from the Baños del Flaco Formation, central Chile C. Salazar and W. Stinnesbeck	Source to sink relations between the Tian Shan and Junggar-Turpan Basins, Central Asia, in the Jurassic: Evidence from detrital zircon geochronology and depositional environments Y. Fang, C. Wu and J. Sha
12:50-13:10	The Tithonian chronobiostratigraphy of the Neuquén Basin, Argentine Andes: a review and update B. Aguirre-Urreta, R. López-Martínez, V. Vennari, M. Lescano, L. Lena, A. Concheyro, M. Naipauer and V.A. Ramos	Oxygen and carbon isotopes, geochemistry and magnetic susceptibility around the Prosoosphinctes Acme Horizon – implications for Early Oxfordian paleogeographic diversification of ammonite faunas in the Submediterranean sea of southern Poland E. Główniak, H. Wierzbowski and J. Grabowski
13:10-13:30		Geochemical characterization of the Upper Jurassic Pimienta Formation as a prospective unconventional shale gas/oil reservoir S. Ortega-Lucach, L. Gutiérrez-Caminero, R. Torres-Vargas, G. Abascal-Hernández, J.M. León-Francisco and G. Murillo-Muñeton
13:30-15:00	Lunch break at lobby	







# 10 INTERNATIONAL · CONGRESS ON · THE Jurassic SYSTEM

Thursday February 8th

Poster session

Schedule

15:00-17:00

Lobby

1	The Jurassic marine vertebrates of Mexico: new discoveries J.I. Barrientos-Lara, E.R. Pérez-Gómez, O.A. López-Conde, C. Kleyton and J. Alvarado-Ortega
2	Considerations on geochemical parameters and biostratigraphic elements, with respect to biogeographic changes of the Huayacocotla Formation (Lower Jurassic, Sinemurian) C. Esquivel-Macías and K. Flores-Castro
3	New marine reptile assemblage from the Jurassic-Cretaceous boundary beds of the High Andes, Argentina M.S. Fernández, V.V. Vennari, Y. Herrera, L. Campos, M. Talevi and M. de la Fuente
4	Data for Lower to Middle Jurassic paleoclimatic reconstruction in the Mesa Central province, Mexico E. Loyola-Martínez, E. Martínez-Hernández and J.R. Barboza-Gudiño
5	On the Upper Bajocian Peri-Tethyan ammonite genus <i>Djanaliparkinsonia</i> Kutuzova (Stephanoceratidae, Garantianinae) V.V. Mitta
6	J.C.M. Reinecke (1818)–200 years after his publication and the status of his collection with its typematerial E. Mönig
7	Microfacies and depositional environments of the northern portion of the Huayacocotla anticlinorium, Middle-Late Jurassic (Callovian-Kimmeridgian), Hidalgo and Veracruz states, central-southern Mexico C.R. Muñoz-Jarillo, D. Contreras-Cruz, J.R. Romo-Ramírez, R. Barragán-Manzo, I. López-Palomino and A. Palma-Ramírez
8	Biostratigraphy of the middle-upper Jurassic deposits in Oaxaca (Mexico) U. Villanueva-Amadoz, M. Gerwert-Navarro and M. Martini
9	Faunal and floral turnovers, carbon-isotope fluctuations and sea-level changes from passive southern Iberian Palaeomargin (Southern Spain) L. O'Dogherty, J. Sandoval and R. Aguado





# 10 INTERNATIONAL · CONGRESS ON · THE Jurassic SYSTEM

Thursday February 8th

Poster session

Schedule	Lobby
15:00-17:00	
10	Cold seep-related occurrence of the Early Jurassic rhynchonellid brachiopod <i>Anarhynchia</i> from the Canadian Cordillera J. Pálfy, G.D. Price, A. Vörös, Z. Kovács and G.G. Johannson
11	Catorce Basin: Sedimentation and tectonic evolution during the Middle Jurassic in the Mesa Central, Mexico I.G. Pérez-Casillas, J.R. Barboza-Gudiño, C. Almaraz-Martínez, J.A. Ramírez-Fernández and L.U. López-Gallegos
12	Evolution and palaeogeographical dispersion of the radiolitid rudist genus <i>Auroradiolites</i> (Bivalvia: Hippuritida), with descriptions of new material from Tibet and archived specimens from Afghanistan X. Rao, P.W. Skelton, S. Sano and J. Sha
13	Hammatoceratids and erycitids, (Hammatoceratoidea, Ammonitida) of southern Spain (Westernmost Tethys): taxonomy, biostratigraphy and phylogeny J. Sandoval, G. Martínez and S. Ureta
14	Late Jurassic (Oxfordian) brachiopods and echinoids from Santa Cruz Tacache area, Oaxaca State, southern Mexico A. Palma-Ramírez, M. Lara-Garduño, I. López-Palomino, A. Mendoza-Torres and O. Márquez-Pérez
15	Shell beds and paleoenvironmental conditions: a case study from the Upper Kimmeridgian in north-central Mexico A.B. Villaseñor, F. Olóriz and I. López-Caballero
16	Foraminiferal biostratigraphy of the Middle and Upper Jurassic of the Polish Lowlands in relation to orthostratigraphy J. Iwańczuk and J. Smoleń





# 10 INTERNATIONAL · CONGRESS ON · THE Jurassic SYSTEM

Friday February 9th

Schedule	BURCKHARDT ROOM Chair of the session Martin Aberhan	CASTILLO & AGUILERA ROOM Chair of the session Susana E. Damborenea
09:00-09:20	The Middle–Late Jurassic Yanliao biota and the Yanshan Movement D. Huang	Late Jurassic epicontinental platform dynamics revealed by geochemical patterns of extended deposits (Betic Cordillera, SE Spain) R. Coimbra and F. Olóriz
09:20-09:40	Approaching the stratigraphic meaning of changes in the morphospace realized by the genus <i>Idoceras</i> Burckhardt, 1906. G. Contreras-Figueroa, F. Olóriz and A.B. Villaseñor	Geodynamic evolution of the Gulf of Mexico, since Late Triassic to Late Jurassic, based on palynological, paleontological, geophysics, tectonic data and metamorphic quartz origin for knowing its Paleogeographic Early History J. Rueda-Gaxiola
09:40-10:00	Ammonites from Lower Jurassic sections of Sonora, Northwest Mexico: taxonomy, biostratigraphy and palaeobiogeographical implications D. Szűcs, J. Pálffy and C.M. González-León	Pore pressure prediction for onshore well to Upper Jurassic Kimmeridge target M.G. García-Herrera, M. Cruz-Castillo and V.M. Cortes Mejía
10:00-10:20	End-Triassic losses and Early Jurassic (Toarcian) extinction of the last two spire-bearing brachiopod orders (Spiriferinida and Athyridida) A. Vörös, Á. Tibor Kocsis and J. Pálffy	On the systematics, stratigraphy and palaeobiography of the ammonite genus <i>Keplerites</i> (Bathonian and basal Callovian, Middle Jurassic) E. Mönnig and G. Dietl
10:20-10:40	Traces of epizoans, and evidences of commensalism on Jurassic cephalopod shells. Pelagic hitchhikers or sessile islanders? I. Főzy	Trends in body size of benthic marine macroinvertebrates across the Early Toarcian (Early Jurassic) extinction event in the Lusitanian Basin, Portugal V. Piazza, M. Aberhan and L.V. Duarte
10:40-11:00		Callovian Working group
11:00-11:30	Coffee break at lobby	
11:00-11:30	PROPOSAL FOR THE NEXT VENUE JURASSIC CONGRES 2022	
11:30-12:30	Closing Ceremony	
18:00-22:00	Farewell Cocktail at Caja Real	

